

CITRUS CIRCUITS SENIOR APPRECIATION

SPONSORS

Pomelo
DJUSD

Grapefruit
Lockeed Martin
Hill Engineering
UC Davis Chancellor's Office

Orange
NovaSource Power Services

Lemon
Apple
Walmart
Lockheed Martin
Intuitive
Claire Black Slotton
West Coast Products
Castellucci Associates
M.Cubed

Lime
Deloitte
Frontier Energy

Kumquat
Energeia
NASA
West Yost
Impact Financial Advisors
A+ Construction and Remodelling

In-Kind
Aerometals
GitHub
Martin's Metals

LINKS

[Website](#)

[Email](#)

[Facebook](#)

[Twitter](#)

[Instagram](#)

[Youtube](#)

GRADUATING SENIORS

As the school year draws to a close, 1678 would like to take this opportunity to commemorate our seniors for their achievements. Below is a short profile from each of our seniors, including their future plans for education and FRC. Thank you so much, and congratulations to all of our seniors!

LIVY TAYLOR - HARDWARE ELECTRICAL

What do you plan to do after graduating?
Not sure exactly, but I'm gonna do it at UCLA.

What's one thing you learned during your time on the team that you'll always take with you?
Never be the only set of eyes on something, whether it's an email or multi-month project.

What's one thing you'd like to tell any incoming students?
Our team can teach you a lot, but not every experience is handed to you. You get out of the team what you put into it.

Proudest achievement?
Did not break Einstein streak!

A quote?
"Alright, break!" *clap*

Do you have any future plans regarding robotics/FRC?
Nothing right now.



JACK DRIGGERS - BUSINESS AND MEDIA

What do you plan to do after graduating?
I'm going to the University of Hawai'i at Manoa to study economics, and do research as part of their honors program.

What's one thing you learned during your time on the team that you'll always take with you?
I think I'm really going to appreciate the time management skills developed through this.

What's one thing you'd like to tell any incoming students?
It's ok to say no to people when you're overwhelmed.

Proudest achievement?
The grant program.

A quote?
"If you're gonna run away from yourself, do it on the treadmill" or "All tree, all shade."

NORA ABDULI - BUSINESS AND MEDIA

What do you plan to do after graduating?
I'm gonna go to Turkey over the summer and go to Sac State to study nursing.

What's one thing you learned during your time on the team that you'll always take with you?
Time management and website design.

What's one thing you'd like to tell any incoming students?
One thing I'd like to tell incoming students is LEARN TIME MANAGEMENT, and also you will make some of your best friends here so have fun!

Proudest achievement?
Proudest achievements are my Fall Workshops pages on the website.

A quote?
"Vote for Nora"

Do you have any future plans regarding robotics/FRC?
I will probably make my kids do robotics so that I can be a robotics mom, and I'll also come back for alumni celebrations, but that's it.



JONATHAN HO - SOFTWARE ROBOT



What do you plan to do after graduating?
After graduation, I'm going to attend the Sauder School of Business at the University of British Columbia. It's all the way in Vancouver, Canada.

What's one thing you learned during your time on the team that you'll always take with you?
Always. Manage. Your. Time.

What's one thing you'd like to tell any incoming students?
Choose what works best for you, especially when weighing activities and courses. It's alright to sacrifice a good option for a better one, so long as it works for you and it's what you want.

Proudest achievement?
Overcoming a very bad habit my family dubbed "Pencil Dancing." If I hadn't overcome that, I don't think I would've done as well as I did academically and mentally when I first moved here.

A quote?
"Courage is what it takes to stand up and speak. Courage is also what it takes to sit down and listen."
— Winston Churchill

Do you have any future plans regarding robotics/FRC?
That's still up in the air, but I'd like to come back sometime soon!

ZATARA NEPOMUCENO - HARDWARE FABRICATION

What do you plan to do after graduating? Where will you go?
I'll be attending Johns Hopkins University to study Mechanical Engineering in Baltimore, Maryland!

What's one thing you learned during your time on the team that you'll always take with you?
Never fear failure. Rather, let the feelings of discomfort spark a fiery drive towards a solution. Stay the course, and never be fearful of trying.

What's one thing you'd like to tell any incoming students?
Meals are 159% tastier with friends. Treasure your time (and those immaculate vegan burritos) with them.

Proudest achievement?
From inspiring our juniors to grow into leaders, or watching crowds go wild after our triple climb goes brrrrrrrr, I'm always joyed after seeing the positive impact our actions can make on others.

A quote?
"I should've joined Speech and Debate."

Do you have any future plans regarding robotics/FRC?
I hope to emcee at FIRST competitions, or perhaps even provide resource scholarships in the future.



NATHAN MCALLISTER - HARDWARE DESIGN



What do you plan to do after graduating?
I'm headed to Dartmouth College in New Hampshire to study engineering. Open to a different major depending on how things go, I am not dead-set on studying anything in particular right now

What's one thing you learned during your time on the team that you'll always take with you?
The main lesson I took away is that hard work really does pay off. Sometimes you need to put your head down and grind in order to see results. Obviously there should be work/life balance, but sometimes it's good to spread that out

more - dedicate yourself to work for a few months, see the payoff, then take a few months to relax.

What's one thing you'd like to tell any incoming students?
I would tell them to try everything! I was on Chairmans during my first year on the team, which was also the first year we won Regional Chairmans (2018). I learned so much about the team and all of our programs, which enabled me to contribute way more to conversations having to do with all aspects of the team. Also, volunteer for outreach! Great experience, great for college apps. Being involved puts you in the running for an outreach lead position too. Even outside of just robotics, explore different activities. If robotics becomes the one you ultimately enjoy the most, then put more time into it, but don't limit yourself right away. Experience is the best teacher.

Proudest achievement?
My favorite/proudest moments were no question during 2019 Division Finals and Einstein. The chemistry in that pit/provide team was really special, and I will never forget the feeling of euphoria of winning Division Finals and driving on Einstein. Such a crazy high.

A quote?
"Live in the moment. Appreciate the people around you. Life is a gift that we can't afford to waste."

Do you have any future plans regarding robotics/FRC?
I don't have any future plans currently, but would be open to mentoring if the right opportunity arises at some point in the future.

NATHAN SOLOMON - SOFTWARE SCOUTING

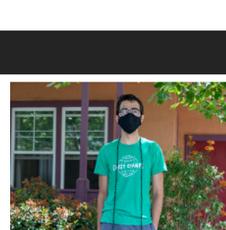
What do you plan to do after graduating?
I'm gonna go to UCLA and study math. My current career plan is to become a math professor, so I'll continue along that path until I change my mind.

What's one thing you learned during your time on the team that you'll always take with you?
The most important thing I learned is how to code. My experience with Python helped me get a really cool internship and summer job, and it'll be super helpful throughout my life.

What's one thing you'd like to tell any incoming students?
Incoming students: Citrus Circuits is a huge commitment of your time and brainpower and it's not a good fit for everyone. Be honest with yourself about whether you enjoy it, and if you do stay on the team, remember that the more you put in, the more you gain.

Proudest achievement?
My proudest achievement was expanding DYR League from 23 to 30 active teams in the 2018 season.

A quote?
"Your [darn] lemons, lemons, don't make lemonade. Make life take the lemons back! Get mad! I don't want you when I give you lemons, what the [heck] am I supposed to do with these? Demand to see life's manager! Make life rue the day it thought it could give Cave Johnson lemons! Do you know who I am? I'm the man who's gonna burn your house down! With the lemons! I'm gonna get my engineers to invent a combustible lemon that burns your house down!" — Cave Johnson



EITHNE ARSUAGA-VASQUEZ - BUSINESS AND MEDIA



What do you plan to do after graduating?

I'm planning on attending the University of Toronto to participate in their applied math specialist program!

What's one thing you learned during your time on the team that you'll always take with you?

My time on the team has shown me the importance of teamwork and communication.

What's one thing you'd like to tell any incoming students?

Don't be afraid to say no. Sometimes you need to prioritize your mental and physical health over extracurricular responsibilities and that's ok.

Proudest achievement?

Expanding the DiSTEM initiative from one Girl Powered Event to what it is today.

A quote?

"A dumb question is one that remains unasked." — Wes Hardaker

Do you have any future plans regarding robotics/FRC?

I might look into mentoring Team 5596 or another nearby team in Toronto.

EUGENE CHEN - SOFTWARE SCOUTING

What do you plan to do after graduating?

I'm planning on going to UC Riverside, as long as UC Davis' waitlist doesn't update before July.

What's one thing you learned during your time on the team that you'll always take with you?

How to manage my time and work collaboratively. Was definitely a learning experience there.

What's one thing you'd like to tell any incoming students?

Don't spend all of your time in the team environment. It's not good to have your headspace in robotics all year — you have to do something outside of it and the people there.

Proudest achievement?

Getting the off-season recap video done and edited by myself, for the most part.

A quote?

"It is easier to imagine an end to the world than the end of capitalism." — Fredic Jameson, a man who has never been published in a robotics newsletter.

Do you have any future plans regarding robotics/FRC?

If I ever get the chance, I'd like to help mentor an FRC team. I feel like I could do some good there.



GABI SKILLING - BUSINESS AND MEDIA



What do you plan to do after graduating?

I plan on attending Washington University in St. Louis and I'll be double majoring in business administration and fashion design.

What's one thing you learned during your time on the team that you'll always take with you?

I think the team taught me a lot about collaboration. You get to work with a lot of different people on a variety of projects while on the team and it ends up teaching you a lot about how to split up work, communicate and receive feedback, and enjoy your time while you're working.

What's one thing you'd like to tell any incoming students?

Get involved in the team as much as you can. If you see extra training happening, volunteer to go. If you see outreach events make sure that you volunteer and participate, and during competitions explore the pit on your breaks and join in all of the cheering. The team created a really unique and special community to be a part of, so enjoy it while you can.

Proudest achievement?

My proudest achievement is BaM. It's not really my achievement, I'm just really proud of all the BaM students this year who put in a ton of work on tight deadlines and did an amazing job. They worked really hard all year past meeting times and still showed up to work during meetings with a smile or joke ready to start the next project.

A quote?

"Science is a myth perpetrated by teachers. Don't be a sheep." — Katie Stachowicz

Do you have any future plans regarding robotics/FRC?

It depends on where I end up moving in the future. If I'm still in the U.S. then I might want to mentor a media subteam since they often don't receive the same guidance that technical subteams do.

ETHAN TALBERT - SOFTWARE SCOUTING

What do you plan to do after graduating?

After high school I plan on studying mathematics at UC San Diego.

What's one thing you learned during your time on the team that you'll always take with you?

While on the team I learned how to properly stay calm even during times of stress. I find that useful in many other aspects of my life and I'll always take it with me.

What's one thing you'd like to tell any incoming students?

Make sure to get involved in stuff on the team early. If something sounds interesting, try it out and the worst outcome is you quitting. I didn't know how anything worked my first year on the team and I missed out on a lot of opportunities.

Proudest achievement?

My proudest achievement on this team is aiding in the development of the scouting system in its current form. I won't see it used while I'm still on the team but I think it has the potential to be the most stable and effective product we've ever had.

A quote?

"I have striven for perfection, it has always eluded me, but I surely had an obligation to make one more try." — Giuseppe Verdi

Do you have any future plans regarding robotics/FRC?

I definitely plan on volunteering at events after I graduate. I don't see myself mentoring a team during college but I might end up mentoring once I graduate from college.



KEVIN ROCKWELL - SOFTWARE SCOUTING



What do you plan to do after graduating?

I am attending UC Davis to study computer science this fall.

What's one thing you learned during your time on the team that you'll always take with you?

I learned a lot about working with other people to create both documents for release/awards and in writing software that I don't think I would have learned elsewhere.

What's one thing you'd like to tell any incoming students?

I would tell them that it's a lot of time and can be very stressful, but it's also very rewarding. However, the stress of build season can definitely be a lot so everyone should make sure to look after themselves first. You won't be as productive as you want to be if you aren't doing well.

Proudest achievement?

My proudest achievement would be the game design challenge this year. I'm so proud of all the work that everyone put in, and especially of the amount of time the other people on presentation spent on making everything as polished as possible. It's really exciting to not be quite done with the season yet.

A quote?

"It's useful to go out of this world and see it from the perspective of another one." — Terry Pratchett

Do you have any future plans regarding robotics/FRC?

I would like to stay involved with FRC in the future, and it would be really cool to mentor a team at some point. In the near future, I would like to volunteer at a few events while I get more situated at college.

ARIEL CHEN - HARDWARE DESIGN

What do you plan to do after graduating?

I will go back to Taiwan to attend college.

What's one thing you learned during your time on the team that you'll always take with you?

CAD skills/machine skills/time management skills/communication skills

What's one thing you'd like to tell any incoming students?

Enjoy your time at Citrus Circuits because it's a very unique experience that you'll never forget. Make good time management.

Proudest achievement?

Probably all the parts I've designed.

A quote?

"Not all who wander are lost."

Do you have any future plans regarding robotics/FRC?

I will go back to Taiwan to help start an FRC team at a high school I once attended.



NICK VIATELLA - HARDWARE ELECTRICAL



What do you plan to do after graduating?
I'm planning on going to UCI to study electrical engineering.

What's one thing you learned during your time on the team that you'll always take with you?
I've learned how to be an effective lead and manage a group of people.

What's one thing you'd like to tell any incoming students?
I would tell incoming students to find a healthy balance of life and robotics.

Proudest achievement?
My proudest achievement was probably working on the 2019 robot that got 3rd in the world

A quote?
"The temporary solution is always the permanent one."

Do you have any future plans regarding robotics/FRC?
I'm not planning on being a mentor while in college, but maybe afterwards, once I have a job.

LOGAN HAUG - SOFTWARE SCOUTING

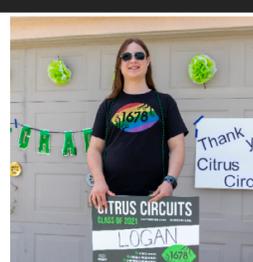
What do you plan to do after graduating?
I am going to study computer science at UC Santa Cruz

What's one thing you learned during your time on the team that you'll always take with you?
Being able to work with others is essential.

What's one thing you'd like to tell any incoming students?
It doesn't matter how much you can accomplish yourself, you can accomplish more with others.

Proudest achievement?
Getting the game I worked on to the finals of the Game Design Challenge.

A quote?
"The whole is other than the sum of the parts" — Kurt Koffka



MOHAMED EL MASHAD - SOFTWARE ROBOT



What do you plan to do after graduating?
I plan on doing a two-year transfer with an associate's in computer science in hopes of getting my bachelors at a university and further advancing my programming knowledge with software internships at the same time.

What's one thing you learned during your time on the team that you'll always take with you?
While I've been on the team, I learned a lot of technical and soft skills, from programming autonomous programs to leading an entire subteam. I think the main thing I will take with me though is how to collaborate with others, and through that I've grown a lot socially.

What's one thing you'd like to tell any incoming students?
Genuinely trying to put in effort and working hard will get you the farthest on the team. Doing Citrus Circuits for the sake of learning as a priority will give you the best and most fun experience. Also, don't stress too much, the team is really still just an extracurricular.

Proudest achievement?
Writing the 2020 ten-ball auto since we were the only team to ever do it that season with video proof. Also helping teams at Los Angeles North for Citrus Service was really fun and rewarding since I made a lot of connections and helped get the Gracious Professionalism award.

A quote?
"I swear it's not a programming issue."

Do you have any future plans regarding robotics/FRC?
I want to volunteer at future FRC events as a referee and might mentor a team after graduating college.

HENRY NAGLE - SOFTWARE SCOUTING

What do you plan to do after graduating?
I'm going to UCLA for civil engineering. I'm interested in working in affordable housing.

What's one thing you learned during your time on the team that you'll always take with you?
I've found that working with the right people can be the most fun in the world, no matter how late the hours or how pressing the deadline. I've also learned I shouldn't be allowed near heavy machinery.

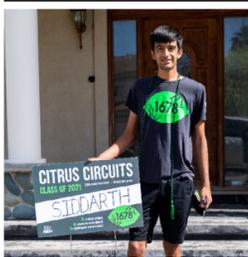
What's one thing you'd like to tell any incoming students?
I'd like to tell incoming students to make sure to explore every weird avenue they can. Finding random useful skills helps everyone out and makes sure you always feel as important as everyone already knows you are.

Proudest achievement?
My proudest achievement was seeing our triple climb work for the first time in 2019. I put so much time into machining parts and assembling the frames, and I was ecstatic to know that I had helped our team do something truly special.

A quote?
Spoken in a Nicolas Cage accent by Freddie Bugni the night before the competition: "I'm on an unstoppable riveting rampage, and I'm going to steal the Declaration of Independence!"



SIDDARTH MERCHANT - HARDWARE ELECTRICAL



What do you plan to do after graduating? Where will you go?
Right now, I'm planning to attend the University of San Diego but it's subject to change based on waitlists. Majoring in integrated engineering with a focus in business.

What's one thing you learned during your time on the team that you'll always take with you?
My leadership experience from being the Dyr Event Coordinator for two years.

What's one thing you'd like to tell any incoming students?
I'd probably tell incoming students to not be afraid to switch subteams as I did and ended up having a better experience. Started on Software Robot for two years then Electrical for two.

Proudest achievement?
My proudest achievement would have to be the growth of the Dyr Program.

A quote?
"If you can stay true to yourself, you're always going to be legendary." — Lil Uzi Vert

WALSH KLINEBERG - HARDWARE DESIGN

What do you plan to do after graduating? Where will you go?
I'm planning on attending Rice University for Mechanical Engineering.

What's one thing you learned during your time on the team that you'll always take with you?
I will always take the community and emphasis on friendliness that our team instilled in its members.

What's one thing you'd like to tell any incoming students?
One thing I would tell any incoming students is don't be afraid to make mistakes and embarrass yourself sometimes, it's always worth the learning opportunity.

Proudest achievement?
Proudest achievement on the team was getting to see our triple climb work in 2019.

A quote?
I don't really have a favorite quote, but recently I heard, "Sometimes the only way out is through" — Robert Frost

Do you have any future plans regarding robotics/FRC?
I don't currently have any plans on staying in FRC, but I would love to once I've settled into college.



CONNOR McILRAITH
HARDWARE FABRICATION



XANDER MASSIE
HARDWARE DESIGN