



PITT | SWANSON
ENGINEERING



University of Pittsburgh IEEE Student Chapter Newsletter

February 2021



Connect with Pitt IEEE!

Email: ssoeieeee@gmail.com

Instagram: <https://www.instagram.com/pittieeee/>

Discord: <https://discord.gg/ECEHelpDesk>

Website: <http://www.pitt.edu/~ssoeieeee/>

Soldering Workshop - February 26th

Join us in Benedum 1223A/B/C or Zoom to learn how to solder. Whether it's for class or for fun, everyone is welcome to join!

GBM#2 - March 3rd

Join us in Zoom for our second General Body Meeting of the semester. Rich Riggio from B&C Transit will be speaking about consulting as a potential engineering career!

Ongoing: Mentorship Program

If you are new to ECE and want to learn more about opportunities or find a study buddy, join our mentorship program. If you are an upperclassman, this is the place to share your wisdom! The mentorship program is a great way to expand your Pitt network. **For more information, email ssoeieeee@gmail.com.**

Student Spotlight

Eric Sherman

Who are you?

My name is Eric Sherman, I am a computer engineering student and have been a rising Junior at Pitt for as long as I can remember.

What have you done at Pitt?

So at Pitt, I have completed the first two years of the curriculum. I would say my favorite classes have been ECE 201, ECE 202, ECE 402, ECE 301, and ECE 302. 201 and 202 kind of answered the question that led to me becoming an engineer and that is basically, “How does all of the technology around us work?” ECE 402 was just insanely cool because... I’m not sure I just like math and I was super interested in learning about signals and how to process them and what they look like in the time and frequency domains. And for 301 and 302, they were challenging classes and I just like coding! As for extra curriculums, I have been a part of the Robotics and Automation Society for a while, both as a member on projects and as a member on the board. I was also a physics tutor for a year, and I volunteered at the NSF SHREC Lab at Pitt, working on PCBs.



Why are you interning at Tesla?

I have always loved Tesla and I think it all started when the first Model X unveiled. I’ve been following them closely since. From the outside and from Elon explaining the engineering behind it, I’ve always been fond of how much the engineers think outside the box. There is a reason - a great reason - behind everything they design and it’s typically something that makes life easier. I am also obviously a big proponent of the mission and it’s my future and my kid’s future that will be affected by climate change.

What do you do there?

I’m currently working on porting test firmware to a different line of microcontrollers. I will also be working on automating test procedures and also doing failure analysis on broken components.

What do you plan to do after Tesla?

I'll be moving down to Texas for an internship with SpaceX! To Mars 🚀

Any extra things you'd like to say?

I also have some cool projects over at @electronics_garage on instagram - the main project being working on a 6 axis robot arm, which I started the summer before going to Pitt.

Pitt IEEE FAQs

What is IEEE?

IEEE is an international organization of professionals in the electrical and computer engineering industries. This has recently expanded to include related fields such as computer science. Members enjoy access to a wide array of journals and other subscriptions that provide news about the latest developments in industry. IEEE also provides networking opportunities for its members, career opportunities, and special sub-organizations for students, young professionals, and women in engineering.

How can I get involved with Pitt IEEE?

Pitt IEEE is our student chapter. We invite all students in electrical and computer engineering, as well as computer science, to join us. If you are interested in becoming involved, we encourage you to attend one of our General Body Meetings (GBMs). GBMs are the best place to find information about upcoming opportunities. However, you are welcome to come to our other events even if you have not been able to make it to a GBM. Any student who signs in at one of our events will be added to our mailing list. Interested students are also welcome to email us in order to subscribe.

How can Pitt IEEE benefit my university experience?

For any ECE student looking to make the most of his or her college experience, Pitt IEEE is the best place to begin. Our student chapter places a special focus on networking, both professionally and within our department. Our social events are the perfect place to get to know your fellow ECE students, find a future lab partner, and make new friends. We also host events involving faculty members and representatives from industry. These can be a great way to make connections both inside and outside of the Swanson School of Engineering.

Do I need a societal membership?

Pitt IEEE does not require students to have a societal IEEE membership in order to participate in GBMs, social events, or our workshops. However, we highly encourage our members to obtain a societal membership in order to benefit from what the wider IEEE community has to offer. Additionally, Pitt is hosting the annual Student Activities Conference in April, and students must have a societal membership in order to attend this particular conference. If you would like to become an official member of IEEE, check out

<https://www.ieee.org/index.html> and be sure to select a student membership!