

Elliot S. Kirk

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Summary

I am a 3rd year Computer Science major at Cal Poly interested in machine learning and data science. I really believe that AI is the future of the human race and being able to be apart of something so amazing fascinates me to no end. I am a fast and passionate learner and can work well in a collaborative group environment. I am excited to actually be able to use what I have learned in my courses and apply it to the real software-developing world.

Experience

Software Engineer at Project Jupyter

San Luis Obispo CA

April 2016-Present

Software development working on a massive codebase via GitHub in a team-based environment using JavaScript and Python.

ResNet Technician

San Luis Obispo CA

August 2015-Present

Tech support, network maintenance, and web development for University Housing at Cal Poly.

- Consistently dealing with and resolving tech problems including internet troubleshooting tasks such as rewiring cables and ports in our server rooms, to such extremes as turning a student's Macbook on and off to fix their Wi-Fi connection, I've debugged it all.
- Have used Aruba software to monitor and troubleshoot the Cal Poly servers.

Lifeguard, Cashier, and Event Coordinator at the El Dorado Hills Community Service District

El Dorado Hills CA

July 2012- August 2015

I worked multiple different positions at my hometown's local Community Service District throughout my high school career.

- Spent my summers employed here doing team-building exercises, really

helping to develop my team working abilities.

- Developed my planning and organization skills by working as an event coordinator.
- Worked training Junior Lifeguards in CPR and other lifesaving skills.

Participated in San Luis Obispo Startup Weekend

San Luis Obispo CA

January 2016

I was a front-end developer in a weekend-long event culminating with my group finishing a working prototype of a mobile application alongside a marketable business plan.

- Collaborated as a group developing software via GitHub.
- Gathered information about potential investors and users to help tailor the application to a wider audience.

Education

Cal Poly San Luis Obispo

Computer Science - Currently a Junior

I am putting my degree emphasis on machine learning, and artificial intelligence. Anything involving large amounts of data, automation, and optimization absolutely fascinates me and I try to reflect that in the way that I write my code. I have just completed the Systems Programming course and now have solid fundamentals in C Programming at a systems level.

Skills

- Good understanding of Java, Python, C, JavaScript, CSS, and HTML.
- Able to develop in Android.
- Able to develop and work on backend architecture, specifically with regards to Django.
- Have used Git services in a team development environment.
- Can learn programming languages quickly (at least that is how it has been so far) and am willing to learn whatever is necessary to get the job done.
- Strong interest in good design, with the ability to use programs such as Photoshop and Sketch.

References

Jeffrey Porter, manager of ResNet at Cal Poly

- Phone: 805.756.5619
- Email: jfporter@calpoly.edu

Brian Granger, founder of Project Jupyter

- Email: ellisonbg@gmail.com