

Kyle Ip

Software Engineer

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EXPERIENCE

Pure Storage

Mountain View, CA

Software Engineering Intern

June 2017 – Present

- Worked on the Cloud Infrastructure team to develop new features on customer facing web products.
- Used Node.js and AngularJS to adapt one of the company's internal tools into a customer-facing service deployed using Docker and Kubernetes on an AWS platform; the usage of this service has more than doubled since its implementation.

Santa Clara University

Santa Clara, CA

IT Assistant

July 2016 – Present

- Collaborated with team of 2 students to develop webpages using HTML and CSS.
- Assisted 5+ faculty and students with troubleshooting various technology issues daily.

Santa Clara University

Santa Clara, CA

Computer Science TA and Grader

December 2015 – March 2017

- Worked with professor to grade 50+ computer science assignments and projects in C++
- Assisted in lab sessions debugging C++ code and demonstrating programming techniques.

PROJECTS

GeoMusic- SF Music Tech Hackathon 2017

October 2017

- Wrote back end server code for a location-based music recommendation website. Collaborated with teammates while using Python and the Spotify REST API to compare song metrics, find user data, and analyze characteristics of popular music.
- Github link: <https://github.com/kyleip/MusicTechHackathon2k17>

EDUCATION

Santa Clara University

Santa Clara, CA

B.S. Computer Science (Algorithms emphasis), GPA: 3.59

Expected June 2019

Relevant Courses: Cryptography, Applied Cryptography, Algorithms, Advanced Theory of Algorithms, Operating Systems, Data Structures

SKILLS

- C++, Python, Javascript/Typescript, HTML, CSS, SQL, Bash/Shell, Groovy
- Node.js, AngularJS, PostgreSQL, Kubernetes, Docker, AWS, Cassandra, Jenkins, Gradle

AWARDS

- Code2040 Fellowship