

Zachary Andrew Cooper

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EXPERIENCE

Product Engineering Intern

May 2020 – December 2020

Equinix | Sunnyvale, CA

- Designed, developed, and maintained spring boot microservices.
- Built complex React micro frontend components.
- Designed relational databases with PostgreSQL.
- Developed Junit test cases with Mockito and automation test cases with Selenium.

Web Developer

February 2020 - May 2020

Arizona State University Fulton Schools of Engineering | Tempe, AZ

- Assisted in managing the large portfolio of websites under the Arizona State University Fulton School of Engineering domain
- Updated and tested WordPress plugins, maintained and debugged website themes, and created personalized websites for university staff and research groups.

Office Technician

May 2018 – July 2018

Sunny Hills Restoration | Santa Ana, CA

- Conducted website renovations, provided technical support, set up company computers.
- Created company advertisements, calculated job cost, and developed a company protocol for tool tracking and checkout.

EDUCATION

Arizona State University | Bachelor of Science in Computer Science

August 2017 - Expected May 2021

- GPA: 3.16
- Participated in the Terra Verde Cyber Security Challenge, competing in programming and hacking challenges, for the years of 2018 and 2019.

Villa Park High School | High School Diploma

August 2013 - June 2017

- GPA: 3.2

Academic Projects

Senior Capstone Project | WebXR Public Engagement Project

September 2020 - May 2021

- Designed and built a WebXR application to further public engagement and understanding of the Psyche mission.
- Acquired managerial experience in delivering a project under time constraints and communicating with other team members and stakeholders.

SKILLS

Java | Spring Boot | Mockito | Python | JavaScript | React | HTML | CSS | C# | .NET Framework | ASP.NET
C++ | SQL | PostgreSQL | REST API | SOAP | Bash | Linux | Unix | Windows | Jenkins | Git | Docker | Jira