Jordan Mosakowski

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EDUCATION / CERTIFICATIONS

Santa Clara University, Santa Clara, CA — September 2021 - June 2024
B.S., Computer Science and Engineering, Graduated Summa Cum Laude with minors in Mathematics and Electrical and Computer Engineering

Clubs: President, Association for Computing Machinery (ACM); Vice President, Engineers Without Borders (EWB)

Certifications: Certified SolidWorks Professional (CSWP), with additional certifications in Drawing Tools (CSWPA-DT) and Additive Manufacturing (CSWA-AM).

EXPERIENCE

Palantir, Seattle, WA — October 2024 - Present
Backend Software Engineer
- Currently completing a 6-month term as a Forward Deployed Engineer before joining the Apollo team

Amazon, Seattle, WA — June 2023 - September 2023
Amazon One Pay SDE Intern
- Created new service for Amazon One, which will be rolling out to production in the coming months. Determined architecture through design review process with team.
- Wrote unit tests and integration tests for use in CI/CD pipeline.
- Set up infrastructure through AWS CDK and Solutions Constructs. Used AWS services including Lambdas in Kotlin, and SQS.

INRIX, Kirkland, WA — June 2022 - September 2022
SaaS Development Intern
- Upgraded email delivery service to allow traffic engineers to view weekly and monthly reports about problematic intersections and corridors.
- Added GraphQL API endpoints and implemented user interface for time-space diagrams for traffic intersections.

Lockheed Martin Space, Littleton, CO — June - August 2019, June 2020 - September 2021
Software Engineering Intern
- Led development of internal web application for managing business-critical visits to Lockheed Martin. Set up Angular front end, REST API, SQL database, Single Sign-On integration, and CI/CD build pipelines.
- Developed virtual reality experience utilizing Unity that takes place on a colonized moon, featuring lunar landing simulation with autonomous landing and Kinect gesture recognition.
- Built robot from a combination of 3D printed parts and purchased components, and created software to control the robot in virtual reality as proof of concept for controlling space missions remotely.
- Presented work to Lockheed Martin executives, NASA representatives, military generals, government officials.

ACHIEVEMENTS / SKILLS

INRIX Hack 2021: Developed web app for displaying map data for winning submission to hackathon
- **Languages:** Dart, JavaScript & TypeScript, Kotlin, CSS & SCSS, HTML, C#, Java, Python, C++, Verilog
- **Tools, Libraries, and Services:** Flutter, React, Angular, Vue, Node.js, .NET, OpenCV, Unity, Docker, Nginx, Jasmine, OpenMP, MPI, sklearn, pyspark
- **Databases and Cloud:** AWS CDK, S3, SQS, Lambda, EC2, DynamoDB, MongoDB, MySQL, Firebase, OpenShift
- **Miscellaneous**: Git, Github, GitLab CI/CD, OAuth, OpenID Connect, Role-Based Access Control
- **Other:** Linux (Debian), Xcode, IntelliJ, VS Code, Photoshop, SolidWorks, Creo, JIRA