

EDUCATION

University of California, Irvine – Donald Bren School of Information and Computer Sciences – GPA: 3.83/4.00 Irvine, California
Bachelor of Science in Computer Science June 2025

- Relevant Courses: Machine Learning, Formal Languages and Automata, Quantum Computing, Artificial Intelligence, Data Management, Information Retrieval, Data Structures & Algorithms, Programming in C, Problem-Solving and Object-Oriented Programming, Computer Architecture, Boolean Algebra and Discrete Structures
- Programming Languages and Technologies:** Java, Python, C++, C, Javascript, Tomcat, MySQL, JDBC, HTTPS, RESTful APIs, Apache, Git, AWS, reCAPTCHA, Docker, Kubernetes

PROFESSIONAL EXPERIENCE

Oracle Redwood City, California
Software Engineer Intern, Corporate Architecture June 2024 – September 2024

- Enhanced and maintained test coverage for Access Governance Cloud Service, supporting organization-level access control and event-driven campaign features.
- Gained high-level knowledge of Access Governance and learned about campaign features in Access Governance.

SAP (Systems, Applications, and Products in Data Processing) Palo Alto, California
Software Engineer Intern, Tool Development June 2023 – June 2024

- Researched and trained the team on how to use Xray by JIRA, a test management tool that consolidates all testing activities, such as registration, execution, and status.
- Led the migration away from EZMan, a legacy tool that has a cumbersome search feature and burdensome maintenance.
- Utilized API calls to update test executions and automatically create a test plan from spreadsheet content, thus greatly reducing human error when manually creating a test plan.

Informatica Redwood City, California
Software Engineer Intern, Cloud Development June 2022 – August 2022

- Set up a Docker container for Informatica Intelligent Cloud Services using the Java API to interact with microservice architecture in a multi-tenant cloud environment.
- Exposed pod-to-pod migration batch size configuration to dynamically change batch size without a SaaS restart, thus saving 3 hours in each pod failover process.
- Operated in an agile software development life cycle by participating in scrums and following a 2-week sprint schedule.

PROJECTS

Fabflix Irvine, California
Web Developer April 2025 – June 2025

- Built full stack architecture from scratch with an AWS instance, MySQL, Tomcat
- Imported large database (50k rows) of movie data
- Implemented ~20 medium features including cart checkout, displaying 1000s of movies, secure login, session management
- Deployed containerized version of project on a Kubernetes cluster spanning multiple AWS instances

Polygence Cupertino, California
Independent Research Project July 2020 – December 2020

- Predicted health insurance costs by using Python to run a linear regression that correlates insurance cost to disparate data, such as age, gender, BMI, location, number of children, and smoking history.

LEADERSHIP AND ORGANIZATIONS

Discrete Mathematics and Boolean Algebra Irvine, California
Reader & Learning Assistant September 2024-June 2025

- Helped students struggling with Boolean logic, algebra, and other computer science skills.
- Graded work of 400 students for quizzes, midterms, and finals.