

Jonathan Chen

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EXPERIENCE

Whova

Aug. 2024 - Present

Software QA Engineer

San Diego, CA

- Automate test cases using Selenium and Appium for core features to improve testing efficiency and speed up release cycles
- Collaborate with developers and product managers to understand requirements and identify testing priorities, ensuring the delivery of high-quality products to customers
- Improved internal QA tools using Python, resulting in a time-saving solution that reduced manual effort by several hours

Expedia

Jun. 2023 - Sep. 2023

Software Engineer Intern

Seattle, WA

- Developed GraphQL APIs in Kotlin and integrated gRPC for backend communication to streamline retrieving and manipulating data for property managers
- Implemented data batching techniques to reduce average latency by 20ms per request
- Wrote unit tests with JUnit and API tests with Postman to increase overall test coverage

University of California, Irvine

Sep. 2021 - Jun. 2023

Computer Science Tutor

Irvine, CA

- Hosted weekly office hours to reinforce key topics and provide review sessions before exams
- Assisted over 40 students with understanding a variety of topics including object-oriented programming, data structures, and algorithms

PROJECTS

Mission Control: All Systems Go

- Led a team of 4 to make a web-based game with 4 unique mini-games using Unity 2D and C#
- Developed a mini-game that achieved an average rating of 4.6 out of 5 stars based on user feedback
- Promoted Agile development by maintaining Trello tasks and burndown charts over 2-week sprints

Fabflix

- Created a full-stack movie listing application for both web and Android platforms using JavaScript and Java
- Built an ETL pipeline that streamlined data transfer from XML files to MySQL databases, reducing data processing errors by 15% and increasing data integrity
- Deployed Apache Tomcat servers on AWS EC2 instances with integrated load balancing and a primary-secondary database architecture, increasing scalability and throughput

CERTIFICATIONS

CompTIA Security+

Apr. 2022

EDUCATION

University of California, Irvine

Jun. 2024

Bachelor's of Science in Computer Science, 3.96 GPA

Irvine, CA