HUY MINH TRAN

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EDUCATION

University of California, Irvine (UC Irvine) June 2020
Bachelor of Science, Computer Science GPA: 3.45

SKILLS

Languages: C++, Python, JavaScript (ES6), Java (familiar).

Tools/Technologies: Postman, Jira, Git, Unix, AWS (DynamoDB, Lambda), Websocket, REST.

Libraries/Frameworks: Serverless, BitJS, NodeJS, Bootstrap4, React (familiar).

EXPERIENCE

CalAmp - API Team *Irvine, CA*
Software Engineer Intern Jun 2020 – present

- Achieved 92% test coverage for the entire code base by unit testing with Mocha, SinonJS and Nock.
- Implemented WebSocket API to allow the server to send real-time status notification to users.

Unisys - Core Database Team *Irvine, CA*
Software Engineer Coop Jun 2019 – Sep 2019

- Removed 95% of compile time warning for 9 components using ALGO and DASDL.
- Developed a feature to allow users to query databases in lowercase.
- Took on an additional task to enhance time complexity by 10 % of a Python component.

PROJECTS

DELMD Sep 2019 - Dec 2019

- Programmed a heuristic function for an AI checker to calculate best moves to make against another checker.
- Optimized MiniMax by implementing Alpha-Beta pruning to reduce search time and allow the AI to search deeper.
- Defeated more than half of the teams to rank 107th over 273 teams.

Portfolio Jul 2019 - Aug 2019

- Designed and constructed using HTML, CSS and JavaScript to display bio, contacts and accomplished projects.
- Made responsiveness compatible with desktop, tablet and mobile and improved UI/UX by integrating Bootstrap 4.

FabFlix Mar 2019 - Jun 2019

- Utilized Jackson to serialize/deserialize JSON and Jersey to support path and HTTP methods.
- Coded the back-end (5 microservices) with 32 core endpoints (routes) in Java and SQL.
- Built the front-end from scratch with only Ajax and jQuery.

EXTRA-CIRRUCULAR ACTIVITIES

ZotReg Jan 2020

- Led a team with 2 other students to join Hackathon UCI and developed a web application to allow UCI CS student to view clearly prerequisite of a course.
- Applied BeautifulSoup4 to a Python program to scrape and parse courses' information.
- Learned and utilized MaterializeCSS to provide a smooth user experience.