



CLARK PHAN

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 clarkphan

 in clark-phan

EDUCATION

University of California, San Diego

September 2016 – June 2020

Bachelor of Science in Computer Science and Mathematics

Coursework: Object-Oriented Design, Design and Analysis of Algorithms, Advanced Data Structures, Web App Performance and Monitoring, Software Tools and Techniques, Software System Design & Implementation

UCSD Extension Coding Boot Camp

November 2017 – February 2018

Certificate in Full-Stack Development (250+ Hours of Web Development Training)

Curriculum: Full Stack JavaScript & Computer Science

EXPERIENCE

L3Harris Technologies

June 2018 – Present

Software Engineer

- Upgraded user interface by building new React components
- Implemented Data Versioning using MongoDB
- Presented accomplishments and goals to chief engineers and upper management
- Improved software documentation to increase current and future team efficiency
- Created many unit and integration tests using Enzyme, Mocha, and Chai, reducing the cost of bug fixes
- Built CLI REST API testing tool, reducing the cost of manual testing time
- Engaged in and AGILE workflow, attended Scrum/Kanban meetings, discussed issues on Jira and Bitbucket

Theta Tau

June 2018 – June 2020

Web Master

- Won 1st place award for Best Website at the 2019 Theta Tau Western Regionals Convention
- Maintained a Firebase database with hundreds of user data

Major Map Initiative

January 2020 – June 2020

Founding Member

- Helped start a software/social student org which serves to help all UCSD students plan their courses better
- Built a course map visualizer tool in Python, JavaScript, and HTML/CSS
- Implemented BFS to generate course maps

PROJECTS

LeagueTrack

- Built a web application that tracks a user's match history data in the popular game League of Legends
- Developed using official game data from the Riot Games API

Project Slimey (HackUCI)

- Built a virtual pet in 36 hours using JavaScript, HTML, CSS, and MongoDB
- Integrated SendGrid API to allow users to receive emails of their virtual pet slime's real-time stats

SKILLS

Languages: JavaScript, HTML, CSS, Java, Python, C/C++

Frameworks/Libraries: React.js, Redux, Express.js, Bootstrap, jQuery

Tools: MongoDB, Firebase, AWS, MySQL, Git, Heroku, Docker

Other: Solid written and verbal communication skills, critical and creative thinking, ability to adapt and learn quickly