



# CLARK PHAN

 clarkphan.com

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 clarkphan

 in clark-phan

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## 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

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## 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 an AGILE workflow, attended Scrum/Kanban meetings, discussed issues on Jira and Bitbucket

### Theta Tau

June 2018 – June 2020

*Web Master*

- Won 1<sup>st</sup> 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

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## 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 real-time emails of their virtual pet slime's stats

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## 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