CLARK PHAN

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EDUCATION

University of California, San Diego   September 2016 – June 2020 (Expected)

Bachelor of Science in Computer Science and Mathematics
Coursework: Advanced Data Structures and Algorithms, Design and Analysis of Algorithms, Object-Oriented Design,
Software System Design and Implementation, Software Tools and Techniques, Web App Performance and Monitoring

UCSD Extension Coding Boot Camp   November 2017 – February 2018

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

EXPERIENCE

Software Engineering Intern   June 2018 – September 2019

L3Harris Technologies

- Upgraded existing interface by integrating new React UI libraries
- Implemented data versioning in 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
- Engineered command line interface REST API testing tool, reducing the cost of manual testing time
- Engaged in an AGILE workflow and attended Scrum/Kanban meetings, discussing issues on Atlassian Jira and Bitbucket Git

Web Master   June 2018 - Present

Theta Tau UCSD

- Won 1st place award for Best Website at the 2019 Theta Tau Western Regionals Convention held at UC Irvine
- Maintained a Firebase database with information of hundreds of users
- Collaborated with internal board members, gathering requirements in order to ensure a satisfying user experience on mobile app

Founder   March 2020 - Present

Quisine

- Established a Shopify based e-commerce business focused on delivering groceries for college students
- Utilized Google Marketing Platform to gauge product and consumer analytics
- Implemented search engine optimization techniques to increase website traffic and market share
- Conducted market and consumer research as well as competitor analysis

PROJECTS

LeagueTrack
- Built a full-stack application using Node.js and React/Redux to track a user's statistics in League of Legends

Project Slimey (HackUCI)
- Built a virtual pet in 36 hours using JavaScript, HTML, CSS, and MongoDB
- Primary responsibilities include maintaining and developing REST Endpoints and API code using Express.js
- Implemented email functionality via SendGrid API that allows users to receive emails of their virtual pet slime's real-time stats

What Do You Meme? (LA Hacks)
- Built a meme-based social experience web application in 36 hours using Express, Handlebars.js, and Socket.IO
- Primary responsibilities include maintaining and developing multiple Socet.IO connections to application back-end server

Facebook Messenger Bot (CLRK.BOT)
- Built a personal Facebook Messenger bot that can make REST API calls in Node.js
- Developed by daisy-chaining multiple APIs together including: Twitter, Spotify, OMDB, and Google Weather APIs

SKILLS

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

Frameworks/Libraries: React.js, Redux, Express.js, Bootstrap, Meteor, Spark, jQuery, Socket.IO

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

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