

# CLARK PHAN

 clarkphan.dev

 clarkphan

 clark-phan

 hello@clarkphan.dev

## SKILLS

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**Programming:** JavaScript, TypeScript, HTML, CSS, Java, Python

**Technologies:** React.js, Node.js, Next.js, SQL, No-SQL, AWS, Bootstrap, Tailwind CSS, Docker, Netlify, Vercel

**Workflow:** Git, GitHub, Jira, Bitbucket, CI/CD, Agile Methodologies, Scrum, Kanban, Bash/Zsh

## EXPERIENCE

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### L3Harris Technologies

*Software Engineer*

July 2020 – Present

- Migrated legacy front-end applications to React.js, reducing technical debt and modernizing the tech stack
- Implemented real-time updates in React app using Web Sockets, enhancing user experience with live data
- Optimized MongoDB queries, significantly improving application performance and response time
- Implemented RESTful API endpoints to streamline data fetching and manipulation
- Utilized Docker to containerize applications, improving deployment efficiency and scalability
- Conducted code reviews and provided mentorship for junior developers
- Actively participated in customer meetings, providing status updates on software enhancements and fixes

*Software Engineer Intern*

June 2019 – September 2020

- Compiled common backend code into a reusable Node.js utility module
- Built interactive and responsive front-end components using React.js and Redux
- Implemented unit and integration tests utilizing Mochai.js mocks/spies and Chai for assertions
- Attended standup meetings and discussed issues on Atlassian Jira, Bitbucket, and Confluence

## RECENT PROJECTS

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### Start Page

- Built a 'New Tab' start page using Next.js, TypeScript, and TailwindCSS, deployed on Vercel
- Leveraged Open-Meteo and OpenWeather API to display accurate location-based weather information
- Utilized Zustand state management, resulting in simpler, more maintainable code compared to Redux setups

## EDUCATION

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**University of California, San Diego**

September 2016 – June 2020

*B.S. Mathematics – Computer Science*

**Coursework:** Software Engineering, Design & Analysis of Algorithms, Advanced Data Structures, Object-Oriented Design, Software System Design & Implementation, Web App Performance and Monitoring, Product Marketing & Management, E-Commerce Practicum

**Professional Affiliation:** Theta Tau

**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