

## EDUCATION

Dominican University of California

San Rafael, CA

**Bachelor of Science in Applied Computer Science**

Aug 2019 - Aug 2021 \*

*Concentrations in Backend Web & Frontend Web*

*\* Accelerated Program*

## WORK EXPERIENCE

**Full Stack Engineer, Freelance**

Sept 2021 - Present

*Stealth Startup in Business SaaS Industry*

Remote, US

- Increased overall consistency, maintainability & reusability of core product by implementing documented, modular UI components (30% reduction in file size)
- Enhanced core UI features using modern design elements, subtle visual cues & micro-interactions (10% speed boost on average task completion time)

*ThreeTheorem*

Remote, US & International

- Individual contributor on small team building ReactJS (web) & ReactNative (mobile) apps for clients
- Released beta & production iOS builds on TestFlight to internal users & to the public on App Store
- Refactored digital signage app by decoupling hard-coded content from presentation layer & migrating to remote delivery via API/headless CMS (lead time reduced by 25%)

**Technology Intern, Cybersecurity**

Jun 2021 - Aug 2021

*CodeDay Labs*

Remote, US

- Deployed internal phishing awareness campaign (54% click-through, 33% successful capture)
- Built containerized security tools & applications deployed & provisioned on EC2 & DigitalOcean

**Curriculum Assistant, Computer Science**

Sept 2020 - Jul 2021

*MakeSchool.org*

San Francisco, CA

- Refactored instructional projects to be implemented across different frameworks: Django & Flask projects using PostgreSQL to MERN stack (MongoDB / Express / React / Node.js); REST to GraphQL
- Developed comprehensive Data Structures & Algorithms reference distributed to 200+ students

**Techlab Manager & IT Associate, Library**

Oct 2015 - Aug 2019

*California Institute of Technology*

Pasadena, CA

- Managed rotating team of 7-10 student workers, volunteers and library staff
- Consulted for faculty, post-doc & staff researchers to formulate 3D design & fabrication solutions
- Administered service to 600+ users, onboarded 10-25 new users per month, averaging 425+ successful prototypes across 85+ unique users monthly
- Spearheaded a summer pilot makerspace program into a thriving & permanent campus service

## TECHNICAL SKILLS

**Frontend:** Javascript/ES6, ReactJS, ReactNative, Redux, Typescript, UI frameworks (Semantic, Material, Bootstrap), Responsive HTML5 / CSS3, SASS / SCSS, D3.js, Templating (Jinja / Handlebars)

**Backend:** Node.js / Express, Python, Django, Flask, RESTful APIs, GraphQL, Apollo, Prisma, Golang

**Other:** AWS, Docker, Git, Heroku, Jira, MongoDB, PostgreSQL, Prototyping Tools, RESTful APIs