

## EDUCATION

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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

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### Full Stack Engineer, Freelance

Sept 2021 - Present

*Stealth Startup in Creator/Influencer Economy*

Remote, US

- Create unit-tested REST API endpoints in Django backend using MySQL database for MVP
- Implement user token auth & Google OAuth for user logins

*PlexusParc*

Remote, US

- Refactored duplicate code into reusable Jinja templates (avg 30% reduction in file size & dev time)
- Enhanced UI/UX & accessibility with responsive CSS, semantic HTML & micro-interactions (10% speed boost on user average task completion time)

*ThreeTheorem*

Remote, US & International

- Created new user registration & onboarding screens for mobile (ReactNative) app
- Released beta Testflight & production iOS builds on App Store
- Decoupled hard-coded data in ReactJS components to fetch from Contentful's GraphQL API for live conference event schedule displays (lead time reduced by 25%)

### Technology Intern, Cybersecurity

Jun 2021 - Aug 2021

*AMSYS Innovative Solutions, CodeDay Labs*

Remote, US

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

### Curriculum Assistant, Computer Science

Sept 2020 - Jul 2021

*MakeSchool.org*

San Francisco, CA

- Developed core Data Structures & Algorithms study guide distributed to 200+ students
- Created instructional tutorials to use with different languages & frameworks:
  - Wiki clone using MongoDB / Express / Node.js to Flask with SQLAlchemy, WTFORMS, Flask-Login
  - Reddit clone from Django to Flask with Blueprints & PostgreSQL

### 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

## TECHNICAL SKILLS

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**Frontend:** Javascript / ES6, ReactJS, ReactNative, Redux, Typescript, Material UI, Bootstrap, Responsive HTML5 / CSS3, SASS / SCSS, D3.js

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

**Other:** AWS, Docker, Git, Heroku, Jira, MongoDB, PostgreSQL, Prototyping Tools (Figma, Sketch)