

# Nathaniel Ryan

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## Technical Skills

**Client-side:** HTML, CSS, JavaScript, React, Redux, React Native, Bootstrap, Materialize, Styled-Components, SCSS, Handlebars, jQuery

**Server-side:** NodeJS, Express, Next.js, GraphQL, Apollo JSON Web Tokens, Socket.io, Nodemailer, Stripe

**Databases and ORMs:** MongoDB, MySQL, Firebase, Prisma, Mongoose, Sequelize

**Testing:** Jest, Enzyme, Chai, Mocha

**Other:** Git, GitHub Pages, Heroku, Chrome Developer Tools, React Developer Tools

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## Education

**University of Oregon**

*Full-Stack Web Development Bootcamp*

April 2019 – September 2020

**Portland, Oregon**

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## Experience

**Full-Stack Teaching Assistant**

*2U/Trilogy Education Services*

February 2020 – Present

**Remote**

**Teaching Assistant** / December 2020 – Present

*University of California, Berkeley*

- Provide support and guidance to students attending University of California Full-Stack Web Development program
- Lead class reviews, discussions, and whiteboarding challenges to ensure students gain employer competitive skills
- Reinforce lesson material presented by the lead instructor by helping students with questions and reviewing material one-on-one or in a small group

**Learning Assistant** / December 2020 – Present

*International Remote Support*

- Utilize Beta Slack support application (Trilobot) to provide written technical and conceptual responses to student inquiries. Assist students over video call to ensure ticket
- Collaborate with team members remotely to provide web development support to 5,000+ university students across the United States, UK, and Australia

**Teaching Assistant** / March 2020 – November 2020

*University of California, Berkeley*

- Maintained professional relationships with students and instructional staff at UC Berkeley for full-stack web development cohort
- Provide feedback to curriculum development and technical support teams to improve classroom experience for students and staff
- Completed course 11/01/2020 with exceptional reviews from staff and students

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## Projects

**NOT SUPREME**

November 2020 – Present

*React, Apollo Client, GraphQL Yoga, Prisma ORM & DB*

- Developing a Full-Stack online clothing store complete with real credit card checkout
- Application featuring testing frameworks, Jest and Enzyme for unit and Component testing
- Also featuring many server-side functionalities such as, JSON Web Tokens, permissions, sending email, uploading images, and charging credit cards using Stripe

**DJI Drone Controller**

August 2019 – September 2019

*React, Node, Socket.io*

- Application creates communication between drone I.P address, Node server, and React user interface
- Achieved 3D rendering of drone position (pitch, yaw, roll) using transform in styled-components