

Nathaniel Ryan

503-504-7581 | nathanieljryan1994@gmail.com | linkedin.com/in/nathanieljryan | github.com/volksrat71 | nathanryan.tech

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

Education

University of Oregon

Full-Stack Web Development Bootcamp

April 2019 – September 2020

Portland, Oregon

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 / March 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

Projects

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React, Apollo Client, GraphQL Yoga, Prisma ORM & DB, Jest, Enzyme

November 2020 – Present

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

DJI Drone Controller

React, Node, Socket.io

August 2019 – September 2019

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

Hobbies

- Automotive Restoration
- Reading Books on Space & Innovation
- Distance Running
- Building Gaming PCs

