Nathaniel Ryan

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Education

University of Oregon   Portland, O R
Full-Stack Web Development Bootcamp   *Apr. 2019 – Sept. 2019*

Experience

Full-Stack Instructional Member   Apr. 2020 – Present
2U/Trilogy Education Services   *Remote*

Teaching Assistant / Dec 2020 - Present
University of California, Berkeley
- Provide support and guidance to students attending University of California Full-Stack Web Development program
- Reinforce lesson material presented by the lead instructor by helping students with questions and reviewing material one-on-one or in a small group
- Lead class reviews, discussions, and whiteboarding challenges to ensure students gain employer competitive skills

Learning Assistant / Mar 2020 - Present
International 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 resolution
- Collaborate with team members remotely to provide web development support to 5,000+ university students across the United States, UK, and Australia

Teaching Assistant/ Mar 2020 – Nov 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 great reviews from staff and students

Projects

**NOT SUPERME | *React, Apollo Client, GraphQL Yoga, Prisma ORM & DB*   Nov. 2020 – Present
- Developing a Full-Stack online clothing store complete with real credit checkout
- Users can search, sell, add to cart and checkout their favorite items
- Application features many server-side functionalities such as JSON Web Tokens, permissions, sending emails, uploading images, and charging credit cards

**DJI Drone Controller | *React, Node, Socket.io*   Aug. 2019 – Sept. 2019
- Application creates communication between the drones I.P Address, Node Server, and React User interface
- Achieved 3d Rendering of drone position (pitch, yaw, roll) using transform in styled components

Technical Skills

Frontend: HTML, CSS, JavaScript, React, Redux, Apollo Client, Next.js, React Native, Handlebars, Browser Cookies, JSON Web Tokens, Bootstrap, Materialize, Ajax, jQuery, Styled Components, SCSS
Middleware: Socket.io, Express, Client Store, Cookie Parser, GraphQL Yoga
Backend: GrapghQL, Mongoose Sequilize, Prisma ORM, BCrypt, Passport, Express, Node, Stripe, Node mailer, Jest, Enzyme, Chai, Mocha
Database: MongoDB, MySQL, Google Firebase, PrismaDB
Tools: Git, VS Code, Heroku, GitHub Pages, Chrome Developer Tools, React Developer Tools