Marlon Decosta

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GitHub | Portfolio

EXPERIENCE

Trilogy Education Services (January 2020 - Present)
- Assist in running global workshops that focus on ensuring that the Trilogy Instructional Staff are comfortable with up-to-date React APIs and best practices, better equipping them to respond to student questions with meaningful, concise answers. Manage a fifth of the cohort (dozens of instructors).
- TA for multiple University Bootcamps including The University of Pennsylvania, The University of Texas at Austin, Berkeley, UCF and more.
- Grade homework assignments.
- Help students with class work and code activities.

Senate DJs Social network for DJs (September 2018 - Present)
- Introduced real-time chat rooms by incorporating Socket.io.
- Created a rich-text editor allowing users to write blog posts by adding Slate and Immutable.
- Increased security by delivering email verification via SendGrid.
- Integrated JWT, bcrypt, and Passport to handle authentication.
- Included React, Redux, and React Router to manage the frontend.
- Designed a responsive interface implemented with Flexbox and CSS Grid.
- Website | Code

Currency Exchange (June 2019 - August 2019)
- Created the backend by integrating Node.js with ApolloServer.
- Established the frontend by implementing ApolloClient and React Hooks.
- Designed a chart by extracting monthly time series data from the Alpha Vantage API.
- Persisted data storage with MongoDB.
- Integrated express-session and cookies to handle authentication.
- Blog Post | Website | Code

React Native SoundCloud Replica (May 2018)
- Developed SoundClouds y-axis swipe functionality on mobile by using React Native pan responders.
- Utilized the Animated API to duplicate SoundClouds x-axis scroll functionality.
- Established navigation by implementing React Navigation's Tab, Stack, and Switch Navigators.
- Blog Post | Code

ACCOLADES
- Accompanied blog post voted top 50 React.js article of the year, also voted top 10 React.js article of the month (April 2018).

TECHNICAL SKILLS
- **Tech stack:** JavaScript (Node.js, React, React Native, jQuery), GraphQL (Apollo), Databases (MongoDB, MySQL, PostgreSQL), HTML5, CSS3 (SCSS/SASS, Grid, Flexbox, Bootstrap, Material-UI, Foundation, Materialize, Styled Components, Emotion), Animation (GSAP), Data Visualization (D3)
- **Familiar with:** Python, Lua, Swift, Java, C++