

Marlon Decosta

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[GitHub](#) | [Portfolio](#)

EXPERIENCE

Software Engineer at Trilogy Education Services (May 2020)

- Assisted in running a global workshop that focused on ensuring that the Trilogy Instructional Staff is comfortable with up-to-date React APIs and best practices, better equipping them to answer student questions with meaningful, concise answers.
- Managed a fifth of the cohort (dozens of instructors).

T/A at The University of Pennsylvania LPS Coding Boot Camp (January 2020 - May 2020)

- Graded all homework assignments.
- Researched and answered student questions.
- Helped students with class work and code activities.
- Assisted instructor by taking attendance and ensured we stayed on track with regards to time.

Currency Exchange (June 2019 - August 2019)

- Created the backend by integrating GraphQL with ApolloServer.
- Established the frontend by implementing ApolloClient and React Hooks.
- Introduced real-time currency exchange data via the Alpha Vantage API.
- 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](#)

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 establish the frontend.
- Designed a responsive interface implemented with Flexbox and CSS Grid.
- [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 articles of the year, also [voted](#) top 10 React.js articles of the month (May 2018).

TECHNICAL SKILLS

- **Tech stack:** JavaScript (Node.js, React, React Native), GraphQL (Apollo), Databases (MongoDB, MySQL, PostgreSQL)
- **Familiar with:** Python, Lua