

WILLIAM LY

EDUCATION

August 2020 – May 2024

- Revere, MA

September 2016 – May 2020

- ## TECHNICAL EXPERIENCE

October 2019 – August 2020

- Leveraged Java, React Native, and Google Firebase to develop a full stack inventory management system for the City of Revere to efficiently manage over 150 of the Water and Sewage Department's supplies and of the city's COVID-19 supplies.

- July 2019 – August 2019**

- ## PROJECTS

- Implemented HTML, JavaScript, CSS, and Django to develop a website that allowed UMass students to easily share social media accounts with other students in their classes, creating 5000+ connections between students.
- Synchronized Google Sign-In with Django's built-in authentication system in order to link Google accounts with users' information stored in the database.
- Used AJAX to improve speed and performance of the website.

- Designed a digital map of local high school which uses pathfinding to find the closest route between two classrooms.
- Utilized Google API to verify a user's student status to grant access to the map.
- Leveraged Inkscape to recreate a map of highschool as an SVG file.

SKILLS

- **Programming Languages:** C; JavaScript; Java; Python; HTML; CSS; PHP
- **Frameworks:** Django; Git Version Control; React Native; Google Firebase
- **IDEs:** Visual Studio; Eclipse; IntelliJ IDEA