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William Ye

3B Computer Science

SKILLS

Languages/Frameworks: C/C++, React, Node.js, Javascript, Java, HTML/CSS, MySQL

Tools: Git, Github, Bash, Visual Studio Code, Scrum/Agile/JIRA

EXPERIENCE

Fullstack Developer — *Prodigy Game*

Jan 2020 - Apr 2020

- Developed new components in React for the Prodigy membership page
- Refactored components into 'smart components' to make them adaptable for experiments.
- Ran A/B tests using optimizely, reaching around 500,000 users resulting in an average 9% user conversion rate
- Wrote unit tests using Jest and Enzyme to ensure bug free code was released

PROJECTS

Weightlifting Tracker

Apr 2019 - Aug 2019

- Created a web app that allows users to keep track of their weightlifting progress
- React was used to display a clear and functional user interface
- React-Router was implemented to navigate between different pages
- Node.js and Express.js were used to insert user entered data into the MySQL database
- User's progress was then displayed in the form of a line graph using Chart.js

Twitch.tv Dashboard

Apr 2019 - Aug 2019

- Built a dashboard for Twitch.tv using React that displays the top 20 watched games and the top 20 watched streamers of all games
- Retrieved data from Twitch.tv using the Twitch API

EDUCATION

University of Waterloo — *Candidate for Bachelor of Computer Science*

Sept 2018 - Current