Yu-Hsuan Wu

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Education

Vancouver, BC **University of British Columbia** **Sep 2015 – May 2019**

- Bachelor of Science (GPA: A-)

Toronto, ON **University of Toronto** **Jan 2020 – Jul 2020**

- Full Stack Web Development (GPA: A+)

Work Experience

Application Developer **Muqo Inc.** **Oct 2020 – Jan 2021**

- Developed cross-platform user interface for android and ios mobile application using React Native.
- Presented newly implemented features during scrum meetings to the CTO and founder.
- Discovered and debugged layout code to maintain responsiveness across different mobile device screens.
- Upheld consistent communications with other team members and provided updates through daily stand-ups.

Frontend Developer **Hatto** **Jul 2020 – Sep 2020**

- Built admin dashboard page and project detail page using React and Material UI.
- Utilized Material UI grid system to ensure page responsiveness.
- Wrote reusable code to integrate the React frontend with the python server for data exchange.
- Created bar graphs using Chart.js to summarize daily, weekly and monthly user data.

Volunteer Experience

Frontend Developer **Civic Tech Toronto** **Sep 2020 – Nov 2020**

- Developed beautiful and responsive landing pages for a tech tri-mentoring program's website.
- Introduced Material UI library to the React codebase to avoid writing repetitive code.
- Participated in daily code reviews and provided constructive feedback to other team members.
- Collaborated with 2 designers to address styling mistakes and issues and suggested alternative solutions.

Software Projects

Personal Website: demiwu96.github.io (for additional information and projects)

Coding Platform | Algorithm Visualizer – https://programmeow.herokuapp.com

- Purpose: To help programmers prepare for their upcoming coding interview.
- Built the entire responsive UI using Material UI and integrated Ace Editor onto the platform.
- Created React components to visualize common technical algorithms such as linear search.
- Integrated third party library, Animate.css, to animate UI components.

Budget Your Budget – https://demiwu96.github.io/Budget_your_budget/

- Purpose: To create budgets and set realistic saving goals based on user spending preference.
- Designed and created budget plan page and contact page using Materialize and pure CSS.
- Implemented regular expression to type check and dynamically validate user inputs.
- Took part in pair-programming with project members to implement complex frontend features.

Skills

- **Frontend:** JavaScript, React, React Native, HTML, CSS, Materialize, Material UI
- **Backend:** Node, Express, MySQL, Sequelize, Mongoose, MongoDB
- **Others:** RESTful API, JSON, Github, Gitlab, Git, Heroku, MySQL Workbench, Balsamiq