

YU HAO WONG

EDUCATION

B.S Computer Science – GPA 3.97

University of Washington, Seattle

Expected Graduation: Spring 2024

<https://www.haoyudoing.com>

RELEVANT COURSEWORK

CSE143X Accelerated Computer Programming I/II

CSE331 Software Design and Implementation

CSE351 The Hardware/Software Interface*

CSE391 System and Software Tools*

* (course in progress/planned)

Dean's List – Fall 2020

WORK EXPERIENCE

Web Development Intern | *Memo Agility Sendirian Berhad* | September 2020 – March 2021

- Worked with clients to digitize their businesses with new websites from concept to delivery phase.
- Created static sites in ReactJS with GastbyJS SSG, TailwindCSS and GraphCMS for easy content management.
- Handle domain registration and hosting for client through Exabyte.my and Netlify.

Open-Source Kit Group Buy Organizer | *Self-Employed* | January 2020 – Present

- Sourced parts, packaged, and distributed open-source mechanical keyboard kits for local hobbyist community. (under appropriate license). Provided build guides, tutorials, custom firmware, and technical support.
- Contributed code to the open source *QMK Firmware* and *VIA Configurator project* on GitHub.

PROGRAMMING PROJECTS

Campus Map | *Full Stack Web Application* | March 2021

- CSE 331 final project. Pathfinding on UW campus with Dijkstra's algorithm and Graph data structure.
- Technologies: React front-end, Java back-end

haoyudoing.com | *Personal Website* | June 2020

- Static website built as a portfolio site, blog, and landing page for other projects.
- Technologies: GatsbyJS, ReactJS, Bootstrap, TailwindCSS, GraphCMS

Flipped Travel | *Full Stack Responsive Web Application* | October 2020

- Developed responsive UI with Bootstrap, Point-of-Interest popularity heatmaps on the Google Maps API
- Community based exploration, focusing on local discovery and supporting small businesses.

Hao Expensive | *Full Stack Responsive Web Application* | November 2020

- Expense tracking, budgeting, and spending/income data visualization
- Account authentication, currency & category support with filtering, historical data summary and visualization.

[More personal projects on haoyudoing.com/code](https://www.haoyudoing.com/code)

SCHOLARSHIPS & AWARDS

PETRONAS Education Sponsorship Program | Petroliaam Nasional Berhad | July 2019 – Present

- Exclusive full-ride sponsorship to pursue my undergraduate degree at UW. Only 88 selected nationally in Malaysia.

TECHNOLOGIES

- **Java, Javascript, HTML, CSS, React, NodeJS, MongoDB, GraphCMS, GatsbyJS, Netlify, Git, Heroku**

VOLUNTEER & LEADERSHIP

Freshman Ambassador | Unite UW Student Association | February 2021 - Present

- Collaborate across internal committees to increase freshman involvement in Unite UW alumni events.

Program Facilitator | Unite UW | January 2021 - Present

- Facilitated cross-cultural exchange and global understanding in a quarter-long program at UW.
- Responsible for a 4-person group of participants, providing support and resources where necessary.

Outreach Committee Member | FIUTS Student Board | October 2020 -Present

- Create and utilize digital and social media to increase community outreach for FIUTS events.
- Helped set-up and manage FIUTS' official community server on Discord, with the goal of increasing engagement.

Student Body Representative | Taylor's ADP Student Union | March 2019 – August 2020

- Communicated directly to Head of School, Program Director, and related faculty at monthly meetings.
- Discussed and implemented solutions to issues regarding student life, welfare, and programs.