

# BILLY HAO

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## SUMMARY

Full Stack Web Developer and problem solver with a business background. Graduate of the University of Washington's Coding Boot Camp and the University of Washington Bothell's School of Business. Collaborated with colleagues on various projects to develop innovative websites. Eager to learn new skills and build applications that simplify and enhance people's lives.

## TECHNICAL SKILLS

**Languages:** SQL/T-SQL, HTML, CSS, JavaScript, Node.js, Handlebars.js

**Libraries:** jQuery, Mongoose, React.js

**Frameworks:** Bootstrap, Express.js, Bulma.js

**Others:** Git, MongoDB, MySQL, Microsoft SQL Server, Sequelize, IndexedDB, MVC design pattern, responsive web design, Visual Studio Code, Docker, GitHub, Heroku

## EXPERIENCE

### Teaching Assistant

09/2020 - Present

#### University of Washington Coding Boot Camp

- Teaches languages and technologies including HTML, CSS, JavaScript, jQuery, Node, MySQL, MongoDB, Handlebars, MVC design pattern, working with and building Application Programming Interfaces (APIs), React, GitHub and Heroku deployment
- Manages six-month classes of up to 60 students using Zoom and Slack to facilitate learning and communication
- Guides students on how to effectively think and research as full stack engineers

### Front End Developer

09/2020 - 03/2021

#### Boxtribute (Nonprofit)

- Contributed to a React.js web application that helps distribute donated goods to refugees
- Implemented unit and integration tests using React Testing Library and Jest
- Collaborated with senior developers across the globe in Europe in an agile software development life cycle operating on a 1 month sprint

## WEB DEVELOPMENT PROJECTS

**The Nomad** | [github.com/billyhao12/the-nomad](https://github.com/billyhao12/the-nomad) | [the-nomad.herokuapp.com](https://the-nomad.herokuapp.com)

A community driven publication based on user location.

- Collaborated in a team of five using video conferencing, Slack and ClickUp to develop the website from mockups in three weeks
- Front End Developer – worked mainly on the React components and front-end design
- Technologies used: MERN stack (MongoDB, Express, React, Node), Bulma, Mapbox API

**ChefPro** | [github.com/billyhao12/ChefPro](https://github.com/billyhao12/ChefPro) | [uw-project-2.herokuapp.com](https://uw-project-2.herokuapp.com)

A cookbook that allows users to share and explore recipes.

- Cooperated with a partner using Zoom and Slack to develop the website in two weeks
- Back End Developer – managed user data and enabled search functionality
- Technologies used: MySQL, Sequelize, Express, Node, TravisCI, ESLint, Handlebars, jQuery, Bootstrap

**Burger App** | [github.com/billyhao12/Burger-App](https://github.com/billyhao12/Burger-App) | [hidden-coast-04312.herokuapp.com/](https://hidden-coast-04312.herokuapp.com/)

Submit burgers you would like to devour on this interactive web page!

- An independent project completed with the support of instructors and colleagues
- Technologies used: MVC design pattern, MySQL with a custom ORM, Express, Node, Handlebars

## **EDUCATION**

<b>Full Stack Web Development Certificate</b> <b>University of Washington</b>	<b>03/2020 - 09/2020</b>
<b>T-SQL Programming Certificate</b> <b>Bellevue College</b>	<b>09/2019 - 12/2019</b>
<b>Bachelor of Arts in Finance and Supply Chain Management</b> <b>University of Washington Bothell</b>	<b>09/2017 - 06/2019</b>