

# BILLY HAO

Bothell, WA 98011

Phone: (425) 922-6982 | Email: [billyhao12@gmail.com](mailto:billyhao12@gmail.com)

LinkedIn: [linkedin.com/in/billyhao12](https://www.linkedin.com/in/billyhao12) | GitHub: [github.com/billyhao12](https://github.com/billyhao12) | Portfolio: [billyhao12.dev](https://billyhao12.dev)

## WORK EXPERIENCE

### Sinclair Digital

09/2021 - Present

#### Software Development Engineer I, 01/2023 - Present

- Builds elegant and user-friendly web pages with React.js and existing company UI libraries
  - Responsive web pages with CSS flexbox and grid
  - Search and sort functionality
  - Copy button tooltips and CSS transitions
- Implements REST APIs into a web page using React Hooks and Context APIs
- Manages a GitLab CI/CD deployment pipeline that deploys code to INT, QA, and Prod environments
  - Code is bundled with Webpack and uploaded to an AWS S3 bucket
- Collaborates on an Agile team that operates on a two week sprint with daily standups

#### Associate Development Engineer I, 09/2021 - 01/2023

- Built proof-of-concept projects with the architect team to explore innovative ideas
- Utilized AWS MediaLive and MediaPackage APIs to manage the quality and encryption of live streams
- Shadowed the site reliability team to learn more about company infrastructure, including our use of AWS, Terraform, and GitLab pipelines

### University of Washington Coding Boot Camp

09/2020 - 09/2021

#### Teaching Assistant

- Taught languages, technologies, and concepts including HTML, CSS, JavaScript, jQuery, Node.js, MySQL, MongoDB, Handlebars.js, MVC design pattern, working with and building APIs, React.js, GitHub and Heroku
- Managed six-month classes of up to 60 students using Zoom and Slack to facilitate learning and communication
- Guided students on how to think and research effectively as full stack engineers

### Boxtribute (Nonprofit)

09/2020 - 03/2021

#### Frontend Developer

- 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 remotely with developers across the globe in an Agile software development life cycle operating on a one month sprint

## EDUCATION

### University of Washington Bothell

- |  |                              |
|--|------------------------------|
| • Master of Science in Computer Science and Software Engineering | 09/2022 - 06/2025 (Expected) |
| • Graduate Certificate in Software Design and Development        | 09/2021 - 06/2022            |
| • Bachelor of Arts in Business Administration                    | 09/2017 - 06/2019            |

### University of Washington Boot Camps

- |  |                   |
|--|-------------------|
| • Full Stack Web Development Certificate | 03/2020 - 09/2020 |
|--|-------------------|

### Bellevue College

- |                                 |                   |
|---------------------------------|-------------------|
| • T-SQL Programming Certificate | 09/2019 - 12/2019 |
|---------------------------------|-------------------|