

BILLY HAO

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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
 - Pipeline uploads bundled frontend code 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

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

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