BILLY HAO

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TECHNICAL SKILLS

Languages: HTML, CSS, JavaScript, Node.js, SQL/T-SQL, Java, C, C++
Libraries: React.js, React Testing Library, jQuery, Mongoose
Frameworks: Express.js, Jest, Bootstrap, Bulma.js
Others: Git, MySQL, Sequelize, MongoDB, IndexedDB, MVC design pattern, responsive web design

EXPERIENCE

Associate Development Engineer I   **09/2021 - Present**
Sinclair Digital
- Builds elegant and user-friendly web pages with React.js and existing company libraries
- Manages video streams with AWS MediaLive and MediaPackage technologies
- Collaborates with a team that operates on a two week sprint with daily standups

Teaching Assistant   **09/2020 - 09/2021**
University of Washington Coding Boot Camp

- 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

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

EDUCATION

Master of Science in Computer Science and Software Engineering (MSCSSE)   **09/2022 - 06/2025**
University of Washington Bothell

Graduate Certificate in Software Design and Development (GCSDD)   **09/2021 - 06/2022**
University of Washington Bothell

Full Stack Web Development Certificate   **03/2020 - 09/2020**
University of Washington

T-SQL Programming Certificate   **09/2019 - 12/2019**
Bellevue College

Bachelor of Arts in Business Administration (Finance and Supply Chain Management)   **09/2017 - 06/2019**
University of Washington Bothell