Jaewoo Cho

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EDUCATION

Northeastern University   Seattle, WA
Masters of Science in Computer Science   *Sep. 2021 – Dec. 2023*

University of Washington   Seattle, WA
Bachelor of Science in Mathematics   *Sep. 2013 – May 2019*

EXPERIENCE

Full Stack Developer Intern   Jun. 2023– Sep. 2023
Democracy Lab   *Seattle, WA*

- Proactively resolved high-priority code bugs and issues in React and Node, guaranteeing uninterrupted operation of essential software components
- Built an intuitive front-end with React, implementing real-time features, while the back-end utilized Spring Boot, MongoDB
- Developed RESTful API endpoints for seamless system communication, resulting in a 20% increase in data transfer efficiency and 15% reduction in system downtime

Full Stack Developer Intern   Jun. 2022– Sep. 2022
8BillionMinds   *Seattle, WA*

- Collaborated with a team of developers to maintain and enhance a dynamic website written in JSP, ensuring its functionality and performance met or exceeded user expectations
- Conducted regular code reviews and participated in debugging sessions to identify and resolve issues promptly, ensuring the site's reliability
- Optimized website performance by identifying and addressing bottlenecks in code and database queries, resulting in faster load times and improved user satisfaction

PROJECTS

Tennis pickup web app | *React, Node.js*

- Developed a full-stack web application using Node.js serving a REST API with React as the frontend
- Implemented user authentication with Auth0, enabling personalized secure login
- Built REST API using Express.js and MongoDB to store user and court data

Tab Manager | *HTML, CSS, JavaScript*

- Implemented a dynamic tab and window management features using HTML, CSS, JavaScript and the Chrome Extensions API
- Implemented a grouping feature that allows users to organize and access their browsing content more efficiently

Face Filter | *C++*

- Developed an augmented reality application that creates a dynamic filter in real-time video for users
- Implemented customized algorithm to detect faces and facial features using OpenCV
- Implemented a GUI using Qt to allow users to interact with the application

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, C/C++, SQL, HTML/CSS
Frameworks: React, Node.js, Express, Spring, openCV, JMeter, TensorFlow
Developer Tools: Git, Docker, AWS
Databases: MongoDB, MySQL