ETHAN LIU

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EDUCATION

Northeastern University | Boston, MA   *May 2024*
Candidate for Bachelor of Science in Computer Engineering, Computer Science   *(GPA: 3.75)*
Courses: Fundamentals of Engineering Algorithms, Fundamentals of Networks, Circuits and Signals, Embedded Design: Enabling Robotics, Database Design, Discrete Structures, Fundamentals of Computer Science II, Physics II, Fundamentals of Digital Design
Awards: Dean's List (All semesters), UPLIFT Scholar

SKILLS

Languages: Javascript, HTML5, CSS, Java, Python, C++, SQL, Unity, Matlab
Tools: Eclipse, MS Visual Studio, Emacs, Centos 7, Ubuntu, Git
Technical: Amazon Web Services (AWS), Trello, Jira, Notion, Slack

WORK EXPERIENCE

Charles River Development | Boston, MA   *August 2022 - December 2022*
Risk Management Co-op
- Scheduled over 50 meetings with policy owners of various technology departments to review for the SOC 2 Audit
- Performed risk assessments and quality assurance of over 250 policies alongside Ernest Young
- Presented walkthroughs of various software such as ServiceNow, Jira, and Microsoft Azure

Skilbi | **Boston, MA**   *July 2022 - August 2022*
Web Development Intern
- Developed 3 pages with HTML and appealing CSS styling relevant to the Chosn.io project
- Utilized Node.js and React.js to create a responsive web design for desktop and mobile applications
- Collaborated with 10 interns and delivered weekly updates through branching and Trello tickets

PROJECT EXPERIENCE

Personal Website: https://eslang50.github.io/Portfolio/ (for additional information and projects)

Library App | eslang50.github.io/Library/

- Designed a web application that allows users to add new books, remove books, and update statuses
- Incorporated DOM manipulation to access HTML elements and create elements through Javascript
- Implemented responsive web design through grid display and media queries
- Utilized: Javascript, HTML, CSS

Arctic Vision | *Generate*

- Developed an augmented reality ski goggle and improve Unity AR interface
- Utilized React Native, Javascript, and Expo for front-end mobile development
- Promoted effective deployment and communication with a team of 5 engineers through Git
- Utilized: React Native, Javascript, Unity

App-Etite | *Database Design*

- Designed an app for users to browse a database of recipes and ingredients tailored to their preferences
- Constructed 20 SQL queries to insert and analyze the data and relationships among 12 tables
- Modeled a detailed Entity-Relationship diagram with table and column names
- Utilized: SQL, Java