Yurim Song

Portfolio: https://yurimm-song.github.io/yurim_portfolio

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EDUCATION

University of Waterloo, Waterloo, Ontario, Canada

Honours Bachelor of Computer Science   September 2022 – April 2027 (Current)
- Relevant Courses: Designing Functional Programs, Elementary Algorithm Design and Data Abstraction, Tools and Techniques for Software Development, Logic and Computation, Object-Oriented Software Development, Introduction to Combinatorics, Algebra/Linear Algebra for Honours Mathematics, Calculus 1/Calculus 2 for Honours Mathematics, Introduction to Microeconomics
- Scholarships and Certifications: University of Waterloo President's Scholarship of Distinction (2023), Undergraduate Communication Requirement (12/31/2022), Workplace Hazardous Materials Information System [WHMIS] (05/30/2023)

CORE COMPETENCIES

- Front-end
- Debugging
- Web Design
- C/C++
- CSS/HTML
- Financial Management
- Positive Attitude
- Problem Solving
- Teamwork/Communication
- Organized
- Time Management
- Quick Learning

PROFESSIONAL EXPERIENCE

Manulife, Remote | Web Developer (Project-Based Opportunity) | May 2023 – July 2023
- Developed a stock tracking web application using React, JavaScript, Tailwind CSS, that allows real-time monitoring and storage of stock data in users' Google accounts via Firebase integration.
- Collaborated with a team of 5 to ensure smooth app development, contributing to the app's successful completion and functionality.
- Demonstrated adaptability and self-discipline in a remote work environment, efficiently managing tasks, meeting deadlines, and actively engaging in virtual team meetings to align project objectives.

Hatch Coding, Remote | Web Developer (Project-Based Opportunity) | July 2023 – August 2023
- Designed and implemented three mini construction progress apps using React, JavaScript, CSS, HTML allowing for tracking tasks and progress in a construction company.
- Developed a construction helper app, featuring personal task management and a document hub, empowering individual construction workers to manage their work efficiency and adhere to construction safety protocols.
- Successfully completed the learning platform, honing web development skills, including the identification and monitoring of website errors.

London Children's Museum, London, ON | Assistant Instructor | September 2019 – March 2020
- Planned and assisted 7 STEM activities and special events and programs with supervision and care of group of 15 elementary students.
- Used strong interpersonal communication skills to convey information to children.
- Supported engaging, fun, and smooth-running events by planning science experiments.
- Delivered personalized educational, behavioural, and emotional support to individual elementary students to enable positive learning outcomes.

PROJECTS

Personal Task Managing Web Application | July 2023   *https://construction-helper-yurim-song.netlify.app*
Web development of a stock tracking/saving app
- Web application for users to view the personal task management list and notes allowing individuals to manage their work and remind them.
- Users can record tasks and notes with titles, descriptions, and dates to track their work.
- Currently implemented for construction workers, the app provides safety rules on the construction site, and the workers' confirmation is required to close the safety rule tab.
- Front-end website built using JavaScript, CSS, HTML, and React and used Netlify to deploy the website.

Stock Tracking Web Application | June 2023   *https://stock-web-tracker.netlify.app*
Web development of a personal task managing app
- Web application for users to view stocks based on their tickers based on real-time market database.
- Users can login through Firebase authentication with a pre-existing Google account and save specific stocks to the database to view their saved stocks pages.
- Built the front-end part using React and Tailwind CSS in a team of 5.
- Used Jest to implement test cases and perform regression testing/unit testing, and Netlify to deploy the website.

Progress Tracking and Reporting Web Application | August 2023
Web development of a task progress tracking app
- Web application for users to view the graph of the progress of completion, adding or removing tasks with adjusting by percentage.
- Implemented for construction workers, the app provides the amount of completion of each task as a graph.
- Front-end website built using JavaScript, CSS, HTML, and React and used Netlify to deploy the website.

TECHNICAL SKILLS

Programming Languages: JavaScript, Typescript, CSS, Tailwind CSS, HTML, R, React, Python, Java, C, C++, Racket
Technologies and Frameworks:
- REST, Netlify, Jest, Postman, Visual Studio, Git, Github, Microsoft Office Word/Excel/PowerPoint/Outlook, Adobe Photoshop, Figma, Eclipse
- Experienced with REST API in React and Full Stack development, learnt through Manulife's modern web application design co-op curriculum
Additional Skills:
- Strong communication and interpersonal skills developed through volunteering as an assistant instructor at London Children's Museum, Korean Canadian Language Institute, London tree planting program
- Outstanding teamwork and cooperative skills established through working on collaborative projects