Ryun Kim

2B Mechatronics Engineering

Experience

QA & Software Tester – Maplesoft

Sept. 2019 – Dec. 2019

Developed 50+ unit and end-to-end tests using JS frameworks – Stencil, Jest, and Puppeteer – to debug custom web components

Discovered novel bugs by completing review cycle for each component and used Perforce (VCS) to submit test files

UI Designer & Controls Programming Assistant – HTS Engineering

Jan. 2019 – Apr. 2019

Produced project-specific UI for HVAC operators from engineered shop drawings, programming datasets, and AutoCAD floor plans

Programmed direct digital control systems based on custom sequences of operation using plug-in stencils on Visio

Projects

YelpCamp

Oct. 2019 – Present

Developed a dynamic, RESTful web application for users to review campsites with user authentication and comment features using Bootstrap, Node.js, Express, MongoDB, Git, and a cloud-based IDE

Meeting Minutes – Hack the North

Sept. 2019

Developed a meeting minutes taker that listens to and summarizes a meeting using a Google Home Mini and VoiceFlow API for speech-to-text, Python for summarizing, Firebase API for backend, and React for UI

Personal Website – ryunkim00.github.io

Apr. 2019

Developed a personal website using Bootstrap 4 and jQuery

Contact

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Skills

Languages

C++
JavaScript / TypeScript
HTML / CSS

Tools / Frameworks

Node.js
Express
MongoDB
Bootstrap / Semantic UI
jQuery
Stencil / Jest / Puppeteer
Git / GitHub
Visual Studio Code
JIRA / Confluence

Education

University of Waterloo

Mechatronics Engineering
Sept. 2018 – Present

Relevant Courses

Algorithms and Data Structures

Interests

A cappella, singing, exercising