

MICHAEL KHA

SOFTWARE ENGINEER

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Software engineer aiming to nourish development skills and experience in the software development life cycle. Seeking an intern/co-op position for the summer of 2019.

Education

Rochester Institute of Technology

B.S. in Software Engineering

Minor in Computer Science and in Mathematics

GPA: 3.70, Dean's List

Aug. 2017 - Present

Expected May 2022

Projects

Elevator Simulation

Nov. 2018 - Present

- Applying concepts learned in a modeling class to simulate elevator traffic in a building.
- Utilizing the producer-consumer pattern in Java to create and perform tasks via threading.
- Generating and reading input files to initialize simulation state.

Portfolio Website

Oct. 2018 - Present

- Web development project built using Flask.
- Learning HTML and CSS conventions to create a formatted website.
- Sketching out and designing each page's layout.

Checkers Web Application

Sept. 2018 - Dec. 2018

- Led a team of students to develop a website hosting a checkers game server.
- Required to use a provided software architecture and a scrum framework.
- Made major design decisions within the system for the team to implement.
- Contributed to development, test coverage, and documentation.
- Became proficient in working with routes in Spark Java and writing HTML pages.

Skills

LANGUAGES: Java, Python, C, Ruby

FRAMEWORKS: Flask, Spark Java

TOOLS: Git, JetBrains IDEs, VS Code, Atom, Slack, Trello

Activities

Society of Software Engineers, Member

Student organization that houses mentoring hours, software team projects, company visits, and other events.

Employment

Flower City Lawn and Landscape, Landscaper, Rochester, NY

May 2015 - Present

- Collaborating with a crew at commercial and residential properties with varying objectives each day.
- Performing all aspects of grounds-keeping from spring up until winter.
- Designing and installing garden beds to meet the needs of customers.