Collin Giess

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OBJECTIVE: Seeking a software engineering co-op using strong programming skills in Java, Python and C.
Available Summer/Fall of 2022 (Summer: May – August, Fall: August – December).

EDUCATION

Rochester Institute of Technology (RIT), Rochester, NY   Expected May 2025
Bachelor of Science, Software Engineering (Second Year in a 5 Year Program)
Minor in Business Administration
GPA: 3.66
Related Courses: Personal Software Engineering, Intro to Software Engineering, Computer Science for AP Students
Dean's List Fall 2020 – Present

SKILLS

Programming Languages: Java, Python, C
Operating Systems: Windows, iOS, Android
Technical Skills: HTML, CSS, GitHub

PROJECTS

Sudoku, Personal Project   July 2021 – Present
- Programming an automatically generated game of Sudoku in Python using the Pygame library

Tetris, Personal Project   June 2021 – Present
- Programming a Tetris game in Python using the Pygame library and GitHub for version control

Minesweeper, Personal Project   June 2021
- Completed a redevelopment of Minesweeper in Python using the Pygame library and GitHub for version control

WebCheckers, Intro to Software Engineering   January 2021 – May 2021
- Collaborated with a team of 3 to create a networked checkers website
- Programmed most of the game in Java using Spark, AJAX, and JSON
- Documented the project using numerous UML diagrams
- Used agile development practices including daily standups and sprints

Webmaps, BrickHack 7 Hackathon   February 2021
- Collaborated with a team of 3 to create an application in Java using Wegmans API
- Programmed a virtual shopping cart and a JSON parser to translate information from the API to use for locating products and using GPS to find the most efficient in-store route for customers

WORK EXPERIENCE

FedEx Ground   May 2021 – August 2021
Package Handler   Farmington, NY
- Communicated effectively with other package handlers and managers to load trailers quickly and efficiently
- Operated scanner devices to document or check the current or desired location of packages