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RPI address   Home address
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Objective: Gain employment in the field of Full Stack or Software Development , where I can obtain valuable experience and skills for my future in a field in which I am both proficient and interested.

Programming Languages:
- Python
- HTML
- CSS
- C
- C++
- Java
- Haskell

Projects:
Yet Another Course Scheduler (YACS), Troy, NY   December 2016 – May 2020
Full-Stack developer
- Full system backend rewrite in Python using Vue
- Development of Python based HTML parser of school course data into CSV

Relevant Coursework:
Principles of Software: Completed
- A study of software design and documentation with a goal of learning how to write correct/maintainable software.

Computer Organization: Completed
- Introduction to computer organization, assembler language, and operating systems.

Programming Languages: Completed
- A study of the important concepts of current programming languages.
- Topics include language processing, the role of abstraction, programming paradigms, and formal language definition.

Operating Systems   Completed
- Discussion of various aspects of computer operating systems design and implementation.
- Includes I/O programming, concurrent processes, synchronization, scheduling, and inter-process communication.

Large Scale Programming   Completed
- A course with a focus on software development techniques for large-scale software projects and maintenance.
- Term long course project involving the study, development, and production of a working search engine

Parallel Programming   Completed
- The study of basic parallel algorithms including elementary computation, matrix multiplication & sorting
- Paradigms of parallel programming and corresponding extensions to sequential programming languages

Computer Science I: Completed
Data Structures: Completed
Foundations of Computer Science: Completed

Work Experience:
New Jersey Workshop for the Arts, Westfield, NJ   Summer 2018
Technology Intern
- Wrote new, integrated inventory database
- Instrument inventory inspection, update, and repair
- Taught basic music theory to middle school age students

Amazon.com, Carteret, NJ   Summer 2020
Sort center Associate
- Inbound processing of packages to conveyor belt and non-conforming
- Sorting and scanning of packages into labeled pallets
- Small sort sorting and distribution

RPI Office of Student Services for Humanities, Arts, and Social Science (HASS), Troy, NY   September 2016- May 2019
Work study
- Digitize files of recently graduated students.
- Verify and correct current HASS schedules with those of recent semesters.

RPI Student Living & Learning Troy, NY
Resident Assistant   August 2018 – May 2020
Lead Resident Assistant   August 2020 – Present

Education:
Rensselaer Polytechnic Institute (RPI), Troy, NY
Bachelors of Science in Computer Science and Music; GPA: 3.61/4.0   May 2020
Masters of Science in Cognitive Science   May 2021