Amar Rampersaud

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Objective

To obtain an internship in software development that will allow me to exercise and expand the programming skills I've learned to contribute to projects and technologies that people will enjoy using and benefit from.

Education

Hunter College, City University of New York   **Expected Graduation: June 2018**

Bachelor of Arts in Computer Science

Relevant Coursework:

Software Analysis and Design (3 semesters)	Capstone Course in Computer Science
Computer Architecture (3 semesters)	Networking
Operating Systems	Computer Theory
Embedded Systems	Android Application Development

Skills

- C++, Java

Projects

Operating System Simulator   **Fall 2017**

This program is meant to simulate the functions of an operating system through text commands. These functions include creation and termination of processes, interactions with disks, RAM and the CPU, CPU scheduling and paging memory management.

Gesture Controlled Robot using Arduino   **Fall 2017**

As part of my course on embedded systems I built and programmed a robot that moves and turns in response to the directional tilt of its remote controller. The remote consists of an ADXL335 accelerometer and 433Mhz RF transmitter wired to an Arduino. The robot contains a second Arduino, 433Mhz RF receiver and an L293D motor driver connected to four DC motors.

Sudoku Solver   **Fall 2016**

This program solves Sudoku puzzles from a user input text file using a stack data structure and recursive backtracking. It attempts to solve the puzzle using the user input maximum number of allowed back steps.