Donald Fung

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EDUCATION

University of Maryland–College Park, MD   Expected December 2020
Bachelor of Science, Computer Science
Overall GPA: 3.60

SKILLS

Proficient: Java, OCaml, C, HTML, CSS, Microsoft Office
Experience: Ruby, Rust, JavaScript, Python

PROGRAMMING EXPERIENCE

Verizon Internship   June-August 2019
Mobile App Developer   Basking Ridge, NJ

- Developed mobile application using Salesforce Lightning Programming and Apex that provided customers access to information about their orders and repairs
- Presented project approach and performed app demo for managers, directors, and vice presidents of Verizon Partner Solutions
- Utilized an Agile software development cycle

Research Project   February-December 2018
Image Recognition Application   College Park, MD

- Developed an application using Python and OpenCV that took in live video feed and boxed certain types of flowers present in the video
- Utilized OpenCV to train different Haar Cascade files for different types of flowers
- Utilized Python to pull thousands of positive and negative images of flowers from the Internet and compiled them to be trained later

Personal Project   June-August 2018
American Football Simulator Game   Old Bridge, NJ

- Developed a computer app using Java and JavaFX that gave players the ability to choose and manage their own football team
- Utilized JavaFX to create a user interface which included a drag and drop roster screen, real-time updated stats, and tableviews to keep track of information such as schedules and free agents
- Utilized Java to run all features of the game which included generating 32 random teams, implementing save files, and creating unique and realistic schedules for each team each season

OTHER EXPERIENCE

Autonomous Unmanned Machines Stream   February-December 2018
Autonomous Drone Pollination Researcher   College Park, MD

- Conducted research on the viability of autonomous drone pollination
- Aided development of a semi-autonomous drone capable of recognizing and pollinating flowers
- Headed development of software capable of detecting certain flowers in a video feed