Donald Fung

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EDUCATION

University of Maryland–College Park, MD   Expected December 2020
Bachelor of Science, Computer Science
Overall GPA: 3.64

SKILLS

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

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

Data Science Project   November-December 2019
Predicting Movie Success   College Park, MD

- Utilized Python, sklearn, and Pandas to study the effects different movie attributes have on the overall success of a movie
- Collected, tidied, and analyzed data from over 45000 movies
- Utilized linear regression to identify potentially significant attributes that could be used in multivariate regression to predict how well a movie would do

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