

Education

Cornell University, College of Engineering
Cumulative GPA: 3.53

Bachelors of Computer Science, Expected 2020
Business Minor, Presidential Research Scholar

Experience

Program Manager Intern at Microsoft 2019

- Worked with 2 interns on the Test Automation Platform team
- Worked on identifying issues with tests run on code for Windows devices
- Engaged with customers and drove improvements on both the customer and platform side

Software Engineering Intern at Capital One 2018

- Created internal Android app from scratch to help Associates create NDAs
- Developed natively in Kotlin and integrated several APIs including the DocuSign API
- Implemented UI using XML that followed Material Design guidelines

Team Lead on Autonomous Bicycle Team 2017-2018

- Managed a team of 20 undergraduates to build a self-steering, self-balancing bicycle
- Represented the team in budgeting and logistics with the College of Engineering
- Worked on developing obstacle detection capabilities using OpenCV and ROS

Cornell University Teaching Assistant 2017-2019

- For CS 2112 (Honors Object-Oriented Design & Data Structures) and CS 4620 (Introduction to Computer Graphics)
- Led weekly discussions, designed student projects, and held weekly office hours

Research

Cornell Graphics and Vision Group Research Assistant 2018-2019

- Studying the improvement of realistic rendering in an augmented reality environment
- Working with 2 other undergraduates to improve shadows in a Unity app

Projects

City of Light 2018

- Created a desktop game in Java with LibGDX and Box2D in a team of six people
- Accepted to Boston Festival of Indie Games (BostonFIG)

Skills

Java • Unit Testing • Git • Kotlin • OCaml • R • HTML/CSS • JavaScript • C • WebGL • Python • \LaTeX

Applicable Courses

Computer Graphics • Computer Game Design • Analysis of Algorithms • Object-Oriented Design & Data Structures Honors • Functional Programming • Operating Systems • Networks • Discrete Structures

Activities

- Corporate Officer for Cornell Association of Computer Science Undergraduates (ACSU)
- Graphic Designer for Cornell Daily Sun
- Alpha Phi Omega Service Fraternity Administrative Service Assistant