

Joseph Spall IV

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Objective

- I am seeking an internship during the summer of 2017 in the field of robotics. With my experience in cooperative projects and complex problem solving, I believe I can make a considerable contribution to your company.

Education

Georgia Institute of Technology, Atlanta, Georgia

August 2016 - Present

Bachelor of Science in Electrical Engineering

- GPA: 4.00/4.00
- Expected graduation in May of 2020

Archmere Academy, Claymont, Delaware

August 2012 - June 2016

- GPA: 3.89/4.00
- Magna Cum Laude
- Science National Honor Society and National Honor Society member

Skills

- **Programming:** Java, Swift, MATLAB, PHP, SQL
- **Hardware:** Raspberry Pi, Arduino, soldering, circuit production
- **Software:** Microsoft Office, GitHub, Xcode, Eclipse, EAGLE

Experience

OneMain Financial, Wilmington, Delaware

July - August 2016

Risk Analytics Intern

- Compiled a 7,000 line server-backed JavaFX application for teaching loan evaluation skills to new and experienced employees, being used at over 2,200 locations
- Set up a GitHub Repository for the app under "loan-decisioning-app"
- Assisted with testing and refining new risk strategies using SAS and Excel

Spallco Car and Truck Rentals, Newark, Delaware

June 2012 - August 2015

Lot Attendant

- Vacuumed and washed vehicles after customer use
- Maintained over 150 vehicles in the fleet between 3 offices

Leadership

FIRST Tech Challenge Team 395

August 2012 - May 2016

President / Head of Programming Department

- Led a team of 40 students to compete in Delaware and Pennsylvania state championships
- Organized mentorship for a FIRST Lego League team in Claymont, Delaware
- Developed both an autonomous and remote-operated competition robot

Lighthouse

October 2016 - Present

Project Leader

- Assembled a team of 4 to create a mobile safety app for iOS with backend server
- Created an app that used over 80,000 crime entries from the Atlanta Police Department to find the safest walking routes in the city of Atlanta
- Winner of the 2016 Georgia Tech Datathon competition

Awards / Interests

- **Awards:** Archmere Computer Science Award, Verizon Innovative App Challenge Best in State, New Castle County Intel Science Fair 2nd Place
- **Interests:** Competition robotics, casual programming, ultimate frisbee