

Joshua Viszlai

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OBJECTIVE:

To obtain a summer 2017 software engineering internship

EDUCATION:

Georgia Institute of Technology, Atlanta, Georgia

June 2016—Present

Bachelor of Science in Computer Science and Physics

Expected Graduation: May 2020

- GPA: 4.0/4.0
- Zell Miller Scholarship

June 2016—Present

Johns Creek High School, Johns Creek, Georgia

August 2012—May 2016

- Dual Enrollment with Georgia Tech

SKILLS:

Programming Languages: Java, Python

Languages: English (Native), French (Proficient)

Tools: Multimeter, Soldering Iron, Heat Gun, Crimping Tool

PROJECTS:

Automated Vision Processing Software

January 2016—April 2016

- Led a small group of three programmers to develop software that locates a goal for use in robotics
- Processed camera input on a Raspberry Pi and sent data to a main java-based robot control system
- Utilized the open source library OpenCV for Python in the main processing program
- Awarded the Innovation in Control award at a robotics competition

HackPack

June 2015—August 2015

- Worked in a small group of three to develop a wireless locking system for backpacks
- Focused on an android app developed in Java using Android Studio that controls the lock
- Utilized an Arduino Nano to control two solenoids that function as the locking mechanism
- Communicated between mobile android devices and the Arduino Nano through Bluetooth

EXPERIENCE:

Gladiator Robotics, Johns Creek, Georgia

August 2015—May 2016

President of Programming Branch

- Mentored new members on the basics of robotics programming in Java
- Taught new members about control systems and electronics
- Communicated the needs of the programming branch to the rest of the organization
- Oversaw programmers' involvement in three separate competitions throughout the year

Georgia Governor's Honors Program, Valdosta, Georgia

June 2015—July 2015

Software Engineering Major and Mathematics Minor

- Integrated different aspects of programming, hardware, and design into one project
- Developed video games and text processing algorithms using Python
- Learned about different methods of cryptology and their use in securing information today

LEADERSHIP:

Johns Creek Technology Student Association: Founding Member and Secretary

August 2013—May 2016

RoboJackets: Member

August 2016—Present