JOSHUA VISZLAI

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EDUCATION

Georgia Institute of Technology

Bachelor of Science Computer Science   Expected May 2020

Bachelor of Science Physics   Expected May 2020

GPA: 4.0/4.0

EXPERIENCE

RoboJackets   Aug 2016 – Present

Outreach Assistant Project Manager   Atlanta, Georgia

- Organize FIRST Robotics Kickoff Event for Georgia, with attendance of over 1400
- Plan educational sessions to promote robotics in high schools across the country
- Mentor a high school robotics team throughout the year

Georgia Governor's Honors Program   Jun 2015 – Jul 2015

Software Engineering Major   Valdosta, Georgia

- 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

PROJECTS

Automated Vision Processing Software   Jan 2016 – Apr 2016

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

Hackpack   Jun 2015 – Aug 2015

- Created a wireless locking system for backpacks on a team of three
- Authored an Android App using Java/Android Studio to control the lock via Bluetooth
- Utilized an Arduino Nano to control two solenoids that function as the lock

SKILLS

Programming Languages: Java, Python with some experience in HTML, CSS, C++

Languages: English (native), French (intermediate)

Environments: OS X, Linux, Windows, IntelliJ, Android Studio