Alex Rushing

CELL (404) 247-4123 • **GITHUB** github.com/rushing3 • **E-MAIL** arushing95@gmail.com
ADDRESS 325270 Georgia Tech Station, Atlanta, GA • **WEB** alex-rushing.rhcloud.com

OBJECTIVE	**Looking for internship starting Summer 2017**

EDUCATION

· **Georgia Institute of Technology**, graduating Fall 2017
  Candidate for Bachelors in **Computer Science, GPA: 3.64/4.00**
· **National University of Singapore**, Exchange Student Fall 2015
· **Naples American High School**, AP scholar

CLEARANCE

Secret Level Security Clearance

SKILLS

Python, Java, Flask, Play, Linux, Vim, Git, SQL, MongoDB, regex, Bro, R, IDS, Apache, Bash, HTML/CSS, Android, Ansible, Vagrant

EXPERIENCE

Software Co-op, GTRI-CTISL   *Summer 2015-Present*
· Worked on Apiary, an automated framework for malware analysis and threat intelligence with a database of over 50 million samples
· Assisted in developing a malware threat level classifier using Python's Scikit-Learn machine learning library
· Implemented an IDS(Intrusion Detection System) while developing new custom sensors
· Developed software with Agile principles and Scrum processes

Research Assistant, Georgia Tech Ubicomp   *Summer 2016*
· Tracked and analyzed car trips to determine most expensive factor in owning a car
· Created a Python web server with the Flask framework
· Implemented a MySQL database for storing participants' trips
· Added secure communication via HTTPS between Android app and Apache server

Resident Assistant, Georgia Tech   *Fall 2014-Summer 2015*
· Fostered a diverse community of 46 freshman residents
· Guided social and educational programs
· Assessed and managed off-hour housing crises and situations when on call

PROJECTS

Raspberry Jarvis
· Voice recognition tool written in Python for handling miscellaneous tasks such as controlling music with Spotify, checking emails, and telling jokes.

GarageSail
· Lead a team of 4 in developing a web application to assist users in Garage Sales hosted on Heroku, written in Java using the Play framework with a MySQL database.

Retina News   http://retinanews.net/
· News site built by GT Big Data Club that crawls the web for news articles and uses a clustering algorithm for categorizing articles and suggesting new ones based on articles read by the user.
· Worked with the web crawler team