

# Alexander Rushing

325270 Georgia Tech Station, Atlanta, GA | rushing3@gatech.edu  
U.S. Citizen - <https://alex-rushing.rhcloud.com>

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## Education

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**Georgia Institute of Technology**  
*B.S. in Computer Science GPA: 3.56/4.0*

**Atlanta, GA**  
*August 2013 – December 2017*

**National University of Singapore**  
*School of Computer Science*

**Singapore**  
*July 2015-December 2015*

## Experience

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**Georgia Tech Research Institute**  
*Software Co-op*

**Atlanta, GA**  
*May 2015-Present*

- Assists in maintaining a database of over 50 million unique samples of malware
- Develops tools to analyze severity and actions of each piece of malware in the database
- Engineers and modifies network monitoring and intrusion detection system
- Analyzes Advanced Persistent Threat(APT) attack patterns, tools, and techniques
- Collaborates with team to efficiently develop quality software to deliver to our customers on time

**Georgia Institute of Technology**  
*Office Assistant*

**Atlanta, GA**  
*August 2013-May 2015*

- Creates and files documents for housing maintenance and usage for over 2,000 rooms
- Handles Customer Service issues for nearly 5,000 students in 20 different Residence Halls
- Coordinates office operations with a team of office assistants

## Leadership

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**Georgia Institute of Technology**  
*Resident Assistant(Peer Leader)*

**Atlanta, GA**  
*August 2014-July 2015*

- Fosters and unites a diverse community of 46 freshman residents
- Guides social and educational programs
- Assesses and manages off-hour housing crises and situations when on call

**Big Data Club**  
*General Member*

**Atlanta, GA**  
*January 2015-Present*

- Helps develop the Retina News project
- Collaborates with the team members on the article crawling team

## Skills/Qualifications

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- Holds Secret Level Security Clearance
- Proficient in Python and Linux
- Programming Experience- GIT, MongoDB, Intrusion Detection System(Bro), Provisioning(Ansible), Bash, Java, and Machine Learning(scikit-learn)
- Conversational Italian and Spanish