Cole A. Bowers

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EDUCATION:

Georgia Institute of Technology, Atlanta, GA   **August 2015 – Present**
Candidate for Bachelor of Science in Computer Science   Expected Graduation: May 2018
- Threads: Information Internetworks, Intelligence
- GPA: 4.0/4.0
- Semester Study Abroad in Barcelona, Spain   **May 2016 – July 2016**

SKILLS:

Languages: Java, Python, JavaScript, C, SQL, HTML, CSS
Concepts: Agile Programming**,** Object-Oriented Programming
Platforms: MySQL, Flask, Heroku, Android Development

PROJECTS:

Anti-Harassment GroupMe Chat Bot - Hackathon Project   **September 2016**
- A bot built in Node.js and run on Heruko that implements the GroupMe API to monitor for profanity and harassment in a group chat and notify the responsible party
- Utilizes Microsoft Azure for sentiment analysis on all messages and Plotly to track statistics on the conversation

GT Travel   **June 2016 – July 2016**
- Flask web application backed with a MySQL database that enables users to make reviews of locations and events

Movie Selector   **January 2016 – May 2016**
- Android app and accompanying website enabling users to search for and rate movies to get recommendations

College Colleague   **January 2016**
- The start of a Java application that calculates graduation statistics for users such as: credit hours per semester needed to graduate by a particular date, GPA per class required to achieve goal GPA, possibility of a co-op given target graduation date, etc.

Instagram Search   **October 2015**
- Python program, written for the Capital One coding challenge, that implemented the Instagram API to get statistics on the twenty most recent posts with the tag #capitalone
- Performs sentiment analysis on posts to determine if the tag was trending positively or negatively and visually displays the trend

WORK EXPERIENCE:

Georgia Institute of Technology - School of Interactive Computing   **January 2017 – Present**
Undergraduate Research Assistant – Contextualized Learning Lab
- Contributed supplemental file support by using HTTP protocols to place files and images on a remote server.
- Enabled the Media Computation Lab for the APCSA Java Review eBook allowing education through picture manipulation for the Runestone open source platform designed to create interactive eBooks

Georgia Institute of Technology   **August 2016 – Present**
Resident Assistant
- Facilitate the sense of community while promoting and supporting the health and safety of residents
- Develop individual relationships with residents and foster intentional learning and development among them
- Develop and demonstrate ethical leadership and professional skills

LEADERSHIP AND CIVIC INVOLVEMENT:

Glenn Residence Hall Association, Georgia Institute of Technology   **August 2015 – May 2016**
Secretary
- Received the Secretary of the Year Award for outstanding performance
- Organized engaging hall events to build community with fellow first year students
- Created meeting agendas and recorded minutes for Hall Council meetings

Buckhead Church   **June 2013 – August 2015, August 2016 – Present**
Small group leader
- Lead small group discussions with third graders.

Boy Scouts of America   **December 2012**
Eagle Scout