Noah Blume

noahblume.com • noahablume@gmail.com • 325285 Georgia Tech Station, Atlanta, GA 30332 • (573) 645-6797

Education

Georgia Institute of Technology, Atlanta, GA   August 2016 – Present
- Degree Pursued: Bachelor of Science in Computer Science   Expected Graduation: May 2020
- GPA: 4.0

Work Experience

Amazon, Seattle, WA   May 2019 – July 2019
Software Development Engineer Intern
- Created a prototype of a new authentication method for the Amazon mobile apps that is expected to greatly reduce account takeover rates

CS 3510 (Design & Analysis of Algorithms) and CS 2050 (Discrete Math), Atlanta, GA   January 2018 – Present
Teaching Assistant
- Lead recitation with Co-TAs to teach and reinforce concepts learned in class
- Hold office hours to help any students who have questions or are struggling to understand course material
- Grade homework and exams to provide feedback for students

First Data, Atlanta, GA   June 2018 – August 2018
Software Development Intern
- Created an application monitoring UI that gets a list of apps from a Eureka service registry and pulls information from the Spring Boot Actuator endpoints of each registered application, giving developers quick access to important information regarding the status of applications

Central Technology Services, Jefferson City, MO   May 2017 – August 2017
Software Development Intern
- Created a web application backed by a SQL database to store and manage properties that are used by the bank's mobile apps, allowing the apps to make API requests to retrieve the correct properties for the phones

Technology Services Organization Help Desk at Georgia Tech, Atlanta, GA   August 2016 – December 2017
Technical Assistant
- Assisted users with the operation of computer systems

Personal Projects

Spotify Sites
- Created a website that allows Spotify users to set a timer to stop music playback   January 2019
- Developed a website that can generate Spotify playlists based on one's music taste   July 2018

Reddit Bots
- Created a bot to notify users when a post for newly released music passes a certain upvote threshold on /r/indieheads   June 2018
- Developed a bot that summarizes comments or posts to a specified number of sentences   May 2018

GT Safe Walk Map
- Created a web application that shows a heat map of crimes on campus using GTPD's crime logs and attempts to find the safest route from one point on campus to another   October 2017

Python Scripts
- Made a Twitter bot that finds album reviews, uses Markov chains to generate a brief review to put in a tweet, and uses sentiment analysis on the original review to generate a review score based on its positivity   September 2017
- Wrote a script to email me every time Pitchfork gives an album the title of "Best New Music"   April 2017
- Developed a script that will notify me once every 10 minutes if my VPN is off   April 2017
- Created a script that logs into and scrapes websites that show the paper levels of printers where I worked, then updates a Google spreadsheet with how much paper each printer needs   October 2016

Skills

- **Languages:** Python, Java, C#, C, JavaScript, HTML, CSS
- **Other:** Android, Spring, SQL Databases, REST, Bootstrap, AngularJS, jQuery, Node.js, PCF, AWS, GCP