

Noah Blume

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Education

Georgia Institute of Technology, Atlanta, GA

August 2016 – Present

- Degree Pursued: Bachelor of Science in Computer Science
- GPA: 4.0

Expected Graduation: May 2020

Helias High School, Jefferson City, MO

August 2012 – May 2016

- GPA: 4.0/4.0 (Unweighted)
- National Merit Finalist

Projects

Shoe Purchasing Bot

- Developed a Java application that allows users to set up and manage bots that check when certain shoes come in stock, and attempt to buy the shoes as soon as they become available July 2017

Python Scripts

- 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 work, then updates a Google spreadsheet with how much paper each printer needs October 2016

Unity3D Games (Co-developed)

- Developed *Blocks and Balls* and *Blocks and Balls: Unblocked* (iOS and Android) July 2015 - April 2016
- Created a procedurally generated 2D platformer (in a 48 hour development session) November 2015

Clubs & Activities

CTFs (Hacking Competitions)

November 2016

- Participated in the Hack The Vote CTF on a two person team (Placed 260th out of 1031)
- Participated in the School CTF on a two person team (Placed 33rd out of 168)

CTF Club

August 2016 – Present

- Gained experience with reverse engineering as well as various tools and exploits used for hacking

Grey H@t Club

August 2016 – Present

- Learned about different information security topics, often focusing on recent real world hacks

Work Experience

Central Technology Services, Jefferson City, MO

May 2017 – August 2017

Programming Intern

- Created a web application backed by a SQL database to store and manage properties that are used by the bank's mobile apps. The mobile apps make API requests to retrieve the correct properties for the phones.
- Updated the Android app to use Google Maps API v2 and refactored the app to reduce duplicate code and use Android's "Product Flavors" instead of separate projects for different app versions

Technology Services Organization Help Desk at Georgia Tech, Atlanta, GA

August 2016 – Present

Technical Assistant

- Assist customers with requests for help in the operation of computer systems
- Provide assistance with email clients, security applications, and installing hardware and software

Skills

Languages: Python, Java, C#, JavaScript, HTML, CSS

Operating Systems: Windows, Linux