

AMANUEL AWOKE

aawoke@terpmail.umd.edu | 240-413-7892 | github.com/amandotzip | linkedin.com/in/amanuelawoke/

EDUCATION

University of Maryland, College Park, College Park, MD
Bachelor of Science, Computer Science, Senior, Major GPA: 3.51

Anticipated May 2021

Montgomery College, Rockville, MD
Associate of Arts, Computer Science, Major GPA: 3.8

Graduated August 2018

Relevant Coursework: Software Engineering, Advanced Data Structures, Algorithms, Computer Systems, Data Science

TECHNICAL SKILLS

Proficient: Java, Python, C, C#, OOP, Git, Linux, VS Code, IntelliJ IDEA, Eclipse, Vim

Familiar: JavaScript, C++, Ruby, HTML, CSS, PHP, SQL, Assembly, OCaml, React Native, Android, Unity

PERSONAL PROJECTS

Facial Recognition File Encryption | Languages: Python

- Developed file encryption where data is encrypted by scanning a user's face via webcam, their facial encoding is stored, and files may be decrypted later by the user signing in with their face
- Written in Python, used machine learning and computer vision libraries

Lyric Search App | Languages: Java

- Led team of 4 to develop a Java based app that provided the lyrics of any input song
- Designed GUI, developed data scraper learning Beautiful Soup API and GUI design under 48 hours

Unix Shell and Filesystem | Languages: C

- Unix shell file system developed in C with proper memory management
- Fully featured file system, can create, delete, modify, and observe files and folders

Daily LeetCode App | Languages: React JS

- Developed mobile app for Android and iOS that data scrapes the LeetCode website for an exercise in data structures and algorithms, and sends the user a new one everyday
- Used React Native JavaScript

Ecommerce Website | Languages: HTML, CSS, JavaScript

- Implemented Bootstrap, HTML, CSS, JavaScript, to handle UI and UX; PayPal to handle encrypted transactions in team
- Project manager, setting deadlines to ensure progress resulting in timely completion

PROFESSIONAL EXPERIENCE

Web Design Intern, *University of Maryland Division of Student Affairs*, College Park, MD **September 2020 - Present**

- Maintained and updated Office of Development and Relations website, graphics, and videos
- Organized environment, enforced consistency, reduced files and code by 10%

Research Assistant, *University of Maryland Dept. of Computer Science*, College Park, MD **July 2020 - November 2020**

- Used Augmented and Virtual Reality to simulate classrooms with C# in Unity
- Developed teleportation, camera functionality, and movement within the Augmented and Virtual Reality environment, enabling the creation of our testing environment

IT Intern, *The Columbia Group*, Alexandria, VA

July 2018 - August 2018

- Developed Department of Defense web applications through company Linux network
- Integrated HTML, PHP, and SQL to create web applications, resulting in easier to parse data in the pipeline