JANCO A. MEGERSSA

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EDUCATION

University of Virginia, Charlottesville, VA   Expected Graduation: May 2024
Bachelor of Science | Major: Computer Science | Cumulative GPA: 3.7

TECHNICAL SKILLS

Languages: Python, Java, HTML, CSS, Javascript, Typescript, C++, Assembly(x86), MATLAB, SQL, Bash
Tools: Git, Django, Angular, Node.js, Express, Agile, Scrum, DevOps, Autodesk, RxJava, Springboot, RESTful API

PROFESSIONAL EXPERIENCE

Lockheed Martin, Fort Worth, TX | *Software Engineer, Scrum Master*   Aug 2024 - Present
- Facilitated Agile processes, ensuring timely delivery and alignment with SAFe principles, while managing backlogs and coordinating cross-team collaboration to resolve dependencies and improve integration using Jira and Confluence
- Developed scripts to automate dependency management by pulling in libraries listed in pom.xml files from sample projects, ensuring their functionality in a secure development environment and smooth transfer for other developers

The Goldman Sachs Group, Inc., New York, NY | *Software Engineering Intern/Summer Analyst*   Jun 2023 - Aug 2023
- Designed and implemented robust backend solutions leveraging RxJava and SpringBoot, and developed RESTful APIs to facilitate a large-scale feature for the Marcus Invest team that will be open to 14 million users upon launch

Lockheed Martin Space, Denver, CO (Remote) | *Software & Project Engineering Intern*   Jun 2022 - Aug 2022
- Developed and deployed Full Stack website used internally for comprehensive database access of company resources and files, utilizing Angular framework, Typescript, MSSQL, Node.js/Express, and agile practices
- Utilized by over 2000+ employees to easily and quickly access pertinent information

University of Virginia, Charlottesville, VA | *Bridge Counselor*   Jun 2021 - Aug 2021
- Advised over 30 incoming first-year students in their transition to UVA Engineering by providing advice on managing and navigating their time at UVA and facilitated small group activities to help students build bonds with one another

TECHNICAL PROJECTS

Study Buddy Finder | Django | Advanced Software Development Project
- Developed web application using Django framework, HTML, CSS, and JavaScript, deployed on Heroku and utilized PostgreSQL and Gunicorn web server to handle high traffic loads.
- Implemented user authentication, search functionality, and real-time chat using Django Channels and utilized GitHub for version control and continuous integration with Github Actions CI to ensure code stability and maintainability.

Huffman Encoding and Decoding | C++ | Data Structures Project
- Encoded and decoded data from various source files to compress and decompress them respectively using a heap

Atari's Asteroid Game | Python, Pygame, Gamebox | Individual Project
- Tasked with recreating classic game which required user input and game-over event
- Successfully allowed the user to restart from game-over, implemented sprite animation, allowed enemy engagement with health bar depreciation when hit by an enemy, and updated user score

TwitterBot | Python, Tweepy | Individual Project
- Implemented a bot that when tagged by a user would like, retweet, and reply back to that tweet based on its hashtag
- Deployed the bot to a virtual server to allow users to be able to use the bot 24/7

LEADERSHIP/PROFESSIONAL DEVELOPMENT

Management Leadership for Tomorrow | *Career Prep Fellow*   Mar 2022 - Sep 2023
- Selected for a rigorous 18-month professional development program for high-achieving diverse students

National Society of Black Engineers   Aug 2021 - May 2024
Secretary and Publications Chair
- Increased Instagram engagement by 100% through social media management and content creation
- Oversaw bi-weekly newsletter communications, reaching 500 subscribers

First-Year Council Treasurer   Oct 2020 - May 2021
- Planned events targeted toward member engagement and fundraising, and managed finances for future initiatives

AFFILIATIONS AND AWARDS

Affiliations: *Ethiopian and Eritrean Student Association, National Society of Black Engineers, Black Student Alliance*
Awards: Bridge Scholar, Blue Ridge Scholar, Dean's List (Spring '21 - Spring 24')