

MOHAMMED AKINBAYO

ENGINEER

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LinkedIn

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Github

https://github.com/Mohammed532

EDUCATION

Howard University

Washington, DC | Aug 2020 - May 2024

Working towards my BS in
Computer Engineering
GPA: 3.88

SKILLS AND ABILITIES

Programming Languages

- C++
- Python
- Javascript
- Java
- Git / Github

Design Skills

- Adobe Suite
- Figma / Similar Software
- Blender / 3D Modeling
- 3D CAD Software (Fusion 360, Solidworks)

Operating Systems

- Windows 7/10
- Linux (Ubuntu)
- MacOS

Web Dev

- HTML/CSS
- Node.js
- React / Redux
- Google Firebase / Cloud Services

AWARDS & ACHIEVEMENTS

- 2021 BVCC Pitch Project Winners
- 2020 DSC 1st Annual Mini-Solution Challenge Winners
- 2020 FRC Chesapeake District Championship
- APL MESA CyberRobot District Championshi

EXPERIENCE & PROJECTS

BVCC Pitch Project

Virtual - September 2020

- Worked on a team to design and build Kope, a mental health mobile app where people can connect and seek advice about their mental health, using Figma for the design and React for the app
- Was 1st place out of six other teams in pitch competition

Google DSC Mini Solution Project

Virtual - October 2020

- Worked on a team to design Village, a social media mobile app focused on connecting with those in your area, using Figma and React
- App design won top three out of 16 teams in the design competition

Capital One Tech Mini-Mester Program

Virtual - July 2021

- Successfully completed a 7-day immerse training with Capital One's Tech org through the Tech Mini-Mester program
- Gained skills in Agile, Cyber Security, Data Engineering, Machine Learning & AI, Mobile Development, and Software Engineering.
- Gained opportunities for mentorship and training to build on current skills in topics like Software Development, Agile framework, Machine Learning, Cyber and more
- Received soft skill training in teamwork, communication, mentorship and imposter syndrome
- Grew my network by connecting with Capital One leaders and facilitators via LinkedIn

NASA GISS Fall 2021 Internship

August 2021 - December 2021

- Worked on sensor and satellite collected data to scan ocean surfaces for oil and other contaminants
- Used knowledge gained from CSCI 2 and Engineering Applications class to help develop and maintain an inversion algorithm (written in Python) to obtain refractive light indices of the ocean surface at certain wavelengths.
- Got to further develop team-working and team-building skills as I worked with other interns on similar projects.

EXTRACURRICULAR

Howard University Robotics Organization (HURO)

Chief Executive Officer (CEO)

- Lead promotional campaigns and created flyers to promote the growth of the club
- Created robot simulation using ROS2 and Python
- Created 3D models using Fusion 360

Google Developer Student Club - Howard Chapter

Solution Challenge Coordinator

- Helped plan major events and hackathons
- Took part in the mini solution project and won in top three

Mecca Capital (Black Venture Capital Consortium)

Software Engineer Lead

- Learned skills common in software development to develop websites and apps
- Built up my programming skills
- Created Kope, a mental health app, using React