EBUBECHUKWU NWAFOR

Atlanta, GA | ebubechukwu@gatech.edu

EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY   **Atlanta, Georgia**

- Candidate for B.S. in Computer Science (Concentration in Artificial Intelligence and Media)
- Relevant coursework: Data Structures and Algorithm, Object Oriented Programming, Discrete Math, Linear Algebra, Calculus, Intro to AI, Combinatorics   **Expected Graduation: May 2022**

EXPERIENCE

Explore (PM and SWE) Intern | **Microsoft**   **May 2020 – July 2020**

- Developed, documented, and implemented a standardized process to measure key performance metrics on Visual Studio's extensions across teams in the Developer Division of the Cloud and Artificial Intelligence Group.
- Implement a dashboard using ReactJS and Redux to display collated data on extensions' performance impact using aforementioned standardized process.

Information Technology Intern | **ExxonMobil Corporation**   **May 2019 – July 2019**

- Initiated and implemented a website for uploading and downloading files and software using HTML with a group of 4 engineers, which made data transfer easier for employees, and reduced calls to the IT department by 50%.
- Assisted with the independent processing of internal customer solutions.

Teaching Assistant | **College of Computing at Georgia Tech**   **Aug 2019 – May 2020**

- Assisted department faculty with teaching a graduate course, CSE 6040 (Intro to Computing for Data Analysis).
- Provided support to approximately 800 individuals in regular office hours, study and review sessions, and one-on-one appointments.

Member | **Georgia Tech Robotics Team (for 2020 Mohamed Bin Zayed Competition)**   **June 2019 – Jan 2020**

- Designed and engineered program-run robots to detect fires based on visual and thermal signatures.
- Performed research to determine the most efficient way to effectively combine the software and hardware components of the robot.

PROJECTS

Collaborative Code Editor | Google Software Product Sprint Participant   **Feb 2020 – May 2020**

- Collaborated with a team of two others to design and implement a collaborative code editor using Java, JavaScript, HTML and CSS, leveraging various Google Cloud Platform APIs, including App Engine and Datastore.
- Practiced industry best practices such as: contributing to open source software using Git/Github, conducting code reviews with and for teammates, extending an existing codebase, participating in distributed development, and designing new components and interfaces.

Georgia Tech's Augmented Reality Experiences Lab | Research Assistant   **Jan 2020 – May 2020**

- Modelled and designed realistic 3D avatars using Blender which Moxilla Hubs can utilize.

Learn 2 Earn | Co-Founder   **Aug 2018 – May 2019**

- Performed behavior analysis and identified the lack of financial literacy as a problem facing over 60% of college students and adults.
- Developed a business model to resolve this problem, identified potential setbacks and outlined financial budget.

SKILLS

Languages

- English (native); Igbo (fluent); Spanish (basic)

Programming

- Python (full proficiency), Java (full proficiency), HTML (full proficiency), JavaScript (full proficiency), CSS (intermediate proficiency), C# (intermediate proficiency), ReactJS (intermediate proficiency)

LEADERSHIP ACTIVITIES

Social Chair | Georgia Tech African Student's Association   **Apr 2019 – Apr 2020**

- Planned and organized social events which highlight the objectives of the association, and increased student participation by 30% since inauguration.
- Created opportunities for members to network with alumni and faculty members.

Ambassador | Georgia Tech Grand Challenges Living Learning Community   **Feb 2019 – May 2019**

- Addressed questions and concerns of over 200 parents and potential students through emails and social media.
- Provided insights to prospective students into college life and campus resources.

Director of Economic and Social Council | Model United Nations   **Oct 2017**

- Chaired and collaborated with a working group of delegates to create a comprehensive paper on preventing youth from getting involved in cybercrime.
- Delivered formal and impromptu speeches to over 1000 delegates and directors.

AWARDS & HONORS

- Tower Awards for Academic Excellence: Gold (2019)   - Dean's List
- Faculty Honors

INTERESTS

Dancing, Puzzles, Sudoku, Volunteering, Soccer, Cooking, Traveling