

EBUBECHUKWU NWAFOR

Atlanta, GA | ebubechukwu@gatech.edu | [My Portfolio](#)

EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY

Atlanta, Georgia

Overall GPA: 3.73

- 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 – Present

- Assist department faculty with teaching a graduate course, CSE 6040 (Intro to Computing for Data Analysis).
- Provide 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

- 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.

Sudoku Solver | Personal Project

- Developed an algorithm for solving easy sudoku problems, making use of recursion and backtracking, and implemented the algorithm using Java.

Learn 2 Earn | Co-Founder

- 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

Mentor | Georgia Tech Center for Engineering Education and Diversity

August 2020 - Present

- Organize programs and events that support academic and professional success of 7 unrepresented undergraduate students.
- Provide mentees with academic success strategies, life skills and leadership development, and campus resources that will enable them to achieve their goals.

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.

AWARDS & HONORS

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

INTERESTS

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