

OLAPEJU OTUSAJO

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EDUCATION

The University of Maryland Baltimore County | Cumulative GPA: 3.82 Baltimore, MD
Bachelor of Science: Information Systems May 2025
Masters of Science: Human-Computer Interaction May 2026
Academic Awards: Baltimore County African American Cultural Festival Scholarship Awardee: *Fall 2021*, The University of Maryland, Baltimore
County Grit & Greatness Award: *Fall 2021-Present*
Relevant Courses: Structured Systems Analysis and Design, Software and Hardware Concepts, Applied Statistics for Business and Economics, Management Information Systems, Applied Calculus, Applied Finite Mathematics, Computer Programming II, Data Communications and Networks

PROFESSIONAL EXPERIENCE

Risk & Financial Advisory Intern | Information Technology & Specialized Assurance June 2024-August 2024
Deloitte & Touche LLP McLean, VA

- Conducted regular user access reviews across 40+ internal applications to identify and mitigate potential security risks
- Prepared comprehensive reports in Excel detailing assessment results, which contributed to a reduction in unauthorized access incidents

AI/ML & Data Science Fellow | Advancing Black Pathways Fellowship Program June 2023-August 2023
J.P. Morgan Chase & Co. Columbus, OH

- Developed tailored business proposals for Minority Depository Institutions, outlining strategies to implement AI solutions for process automation, resulting in increased operational efficiency
- Implemented Python-based AI models to automate routine banking tasks, significantly reducing manual efforts and minimizing errors in operations
- Conducted comprehensive data analysis, identifying key patterns/trends to provide insights for strategic decision-making within the organization, with projected growth in customer satisfaction by more than 30% when implemented

IBM Accelerate UX Design Participant, Design Track | IBM Accelerate June 2023-August 2023
IBM Virtual

- Demonstrated proficiency through completion of weekly modules, culminating in the successful completion of a final assessment
- Attained recognition for design excellence by earning an IBM design badge signifying mastery of design concepts and practices

PROFESSIONAL DEVELOPMENT

PepsiCo Kickstart Leadership Program | 8-week immersive boot camp | Focus: Leadership development Summer 2023 Cohort

- Collaborated with cross-functional teams to tackle real-world challenges and projects, gaining firsthand experience in project management
- Received mentorship and guidance from leaders within PepsiCo, providing insights, advice, and support to navigate the corporate landscape

Citi Technology Early ID | Exclusive 5-week virtual program | Focus: ICG Tech Application Development Spring 2023 Cohort

- Completed virtual training, panels, and seminars by Citi's professionals to encourage growth within the Citi community
- Engaged in hands-on learning experiences covering various aspects of app development within Python

Google's CS Research Mentorship Program | 4-Month Mentorship Program | Focus: Computer Science Research Fall 2023 Cohort

- Built strong relationships with Google leaders and participated in bi-weekly meetings with an assigned mentor
- Attended panels hosted by Google employees and engaged in networking sessions

Management Leadership for Tomorrow | Ascend Scholars Program | Focus: Professional Development August 2023-Present

- Selected from over 300 applicants to engage in a career readiness program for first-generation college students
- Develop professional and leadership skills through various workshops and assessments of the Ascend program

LEADERSHIP EXPERIENCE

Residential Student Association, President Fall 2024-Graduation
Reach Together Tutoring Program-Baltimore City Public Schools, Math Tutor Fall 2024-Graduation
National Society of Black Engineers, Public Relations Chair Fall 2023-Graduation
Center of Women in Technology, Affiliates Representative Fall 2023-Graduation
National Residence Hall Honorary, Vice President Spring 2023-Graduation
Center of Women in Technology, Peer Mentor Fall 2022-Graduation

TECHNICAL SKILLS/EXPERIENCE

Programming: Java, Python, SQL, Excel
Design: Figma, Adobe Illustrator, Adobe Photoshop

PROJECTS/RESEARCH

Budgeting Assistance App | IS 147: Foundations of Computer Science Fall 2022

- Developed a user-friendly budgeting application using Java aimed at simplifying the financial planning process for individuals and households
- Implemented statistical algorithms and data analysis tools within the app to provide users with actionable insights into their savings goals

Physiological Synchrony, Stress, and Communication of Paramedic Trainees During Emergency Response Training Fall 2023
Student Researcher | Dr. Andrea Kleinsmith, Affective Computing

- Observed simulation videos to document changes in behavior and interaction dynamics among individuals participating in the simulations
- Utilized detailed observational techniques to capture nuanced shifts in verbal and non-verbal communication and teamwork dynamics
- Analyzed recorded data to identify patterns, trends, and variations in behavior and interactional dynamics throughout the simulation sessions