Maryanne Momeh

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EDUCATION

The University of Georgia, Athens, GA   August 2024-Present
- **Majors**: Bachelor of Science in Data Science
- **GPA**: 3.79
- **Honors**: Zell Miller Scholarship (Full Tuition)
- **Relevant Coursework**: Calculus I, Introduction to Computing and Programming, Object Oriented Programming in Java, Software Development, Programming and Data Literacy Using R, Calculus II

PROFESSIONAL EXPERIENCE

Extern/Beats by Dre, *Data Analytics Qualitative and Quantitative Insights Extern,* Remote   June 2025 - August 2025
- Work closely with marketing and data analytics teams to explore large datasets, uncover meaningful insights, and spot emerging consumer trends that help shape brand engagement strategies.
- Dive into product research and competitive comparisons, blending qualitative observations with quantitative data to better understand Beats' place in the audio market
- Review social media engagement metrics and audience feedback to provide actionable recommendations that enhance content appeal and improve campaign targeting.

Favor Family Medical Practice, *IT Support Staff,* Sandy Springs, GA   June 2022 - August 2024
- Facilitated smooth onboarding for new staff by configuring user accounts, setting up secure workstations, and ensuring all systems complied with HIPAA data security standards.
- Provided responsive technical support to clinical and administrative teams, efficiently diagnosing and resolving hardware, software, and network issues to minimize operational disruptions.
- Enhanced system reliability and team productivity through proactive IT maintenance and the implementation of effective troubleshooting practice

LEADERSHIP & RELEVANT EXPERIENCE

African Student Union, *Co-Fundraising Chair,* Athens, GA   May 2025 - Present
- Planned and executed fundraising initiatives to support cultural events and student programs.
- Collaborated with campus partners and vendors to secure donations and sponsorships to help raise money to promote African heritage and community engagement.

National Society of Black Engineers, *Member*, Athens, GA   August 2024 - Present
- Participate in programs and workshops focused on technical skill development, academic excellence, and professional growth, supporting NSBE's mission to increase the number of Black engineers who succeed in their fields.
- Engage with a network of Black professionals in engineering and technology through conferences, panels, and networking events, gaining insights into industry trends and career pathways.

Keystone Fellowship, *Member,* Athens, GA   August 2024- Present
- Participate in a highly selective leadership program designed to enhance leadership capabilities and knowledge through academic course work, community service, team building, and a leadership speaker series resulting in an academic certificate in personal and organizational leadership
- Work closely with peers from diverse backgrounds to design and carry out projects that strengthen community connections and create meaningful change

Black Pre-Law Student Association, *Member,* Athens, GA   August 2024-Present
- Access resources and guidance on the law school application process, including LSAT preparation, personal statement development, and scholarship opportunities.
- Attend networking events and panel discussions with attorneys, law students, and admissions officers to gain practical knowledge of law school admissions, legal practice, and career pathways.

PERSONAL PROJECTS

Personal Portfolio | HTML, CSS, Javascript, Front-End Web Development
- Designed and developed a fully responsive personal portfolio website to showcase professional projects, resume, and contact information, serving as an interactive representation of my skills and personal brand.
- Applied modern UI/UX principles to create an intuitive layout with smooth navigation, optimized visuals, and a clean, engaging design that works seamlessly across devices.
- Built custom components using HTML, CSS, and JavaScript to enhance interactivity and improve user experience, ensuring both functionality and visual appeal.

Minesweeper Alpha | Java, Software Development
- Created a fully functional terminal-based Minesweeper game in Java, applying object-oriented programming principles to build a clean, modular, and maintainable codebase.
- Developed custom algorithms for mine placement, non-recursive cell-revealing logic, and dynamic game state updates in response to player actions.
- Utilized debugging and optimization techniques to ensure smooth gameplay, accurate win/loss detection, and a responsive user experience.

HungerMap | JavaFX, REST APIs
- Built an interactive JavaFX application that integrates Nominatim Geocoding API and Yelp API to provide tailored restaurant recommendations based on user-entered locations.
- Designed a two-step REST API workflow where user input is converted into geographic coordinates via Nominatim, which are then passed into Yelp API queries to retrieve relevant dining options in real time.
- Managed JSON parsing and dynamic data binding to display live API results within a clean, responsive JavaFX interface.
- Applied multithreading to handle concurrent API requests and UI updates, ensuring smooth performance and an uninterrupted user experience.

NBA Statistics Web Scraping and Data Analysis | Python, Data Visualization
- Created a Python-based data pipeline using requests and pandas to collect and process NBA player statistics from a public API, covering 10+ seasons and multiple competition formats.
- Implemented thorough data cleaning, validation, and transformation techniques to maintain dataset accuracy across various timeframes and season types, including Regular Season and Playoffs.
- Leveraged data wrangling, API interaction, and statistical analysis skills to uncover patterns in player performance, presenting insights through clear and visually engaging data visualizations.