

Maria Rice

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EDUCATION

Columbia University, New York, New York, *B.S. in Computer Engineering*
Samuel Y. Sheng Scholarship for demonstrated academic excellence

May 2024

EXPERIENCES

Visiting Junior Associate, Boston Consulting Group | Dubai, UAE

June 2023 – August 2023

- Advanced a public sector project by developing a large tourist attraction in a key GCC city, working in a team of five.
- Conducted and quantified research to project the profit and loss of assets within the attraction.
- Applied valuation methods for assets within the attraction and executed expert calls to validate the results.
- Communicated with all project stakeholders to organize and send out weekly progress updates to leadership.

Electrical Engineering Intern, Nuro | Mountain View, CA

June 2022 – August 2022

- Constructed and programmed a portable tester for high voltage batteries which relays over 10 key values to the user.
- Collaborated with engineers across different teams to progress the project and build skills in CAN Bus protocol, firmware, and prototype design.
- Received first place in the Nuro Pathfinders Intern Hackathon out of nine teams by creatively solving a critical company issue and was met with praise from high-level company executives.
- Reached out to and worked with members of ERGs, team managers, and the DEI lead to promote diversity and inclusion efforts throughout the internship.

Research Intern, Johns Hopkins ASPIRE Internship | Johns Hopkins APL, Laurel, MD

August 2019 – June 2020

- Developed a data science tool which exposes function-level capabilities for use in data analytic pipelines under the guidance of Professor Chancellor Pascale.
- Selected to be published by the [2020 IEEE Integrated STEM Education Conference](#).

EXTRACURRICULARS

Vice President of Communications, Alpha Kappa Psi Columbia Chapter

December 2022 – December 2023

- Managed communications on multiple platforms, including email, Instagram, Facebook, and text messaging, for over 90 members of the professional business fraternity.
- Increased online engagement by showcasing member accomplishments and lead outreach for diverse recruitment.

Head of Diversity, Equity, and Inclusion, Columbia Daily Spectator

December 2022 – December 2023

- Created and conducted trainings across 20 sections for approximately 400 staffers on both the journalism and business sides of the Columbia Daily Spectator non-profit organization.
- Ensured quality of DEI in publications and products through collaboration with the corporate board and section heads.
- Established internal infrastructure, as only the third Head of DEI, to nurture future growth of DEI efforts throughout the organization.

Deputy Editorial Page Editor, Columbia Daily Spectator

September 2021 – December 2022

- Recruited articles from members of the greater Columbia community with diverse experiences and backgrounds.
- Edited articles to improve readability and oversaw the publishing process for those articles.
- Increased online page views by 68% and average time spent on opinion pages by 24%, with articles consistently in the top 10 most read across all sections of the Columbia Daily Spectator.

SKILLS

Programming: Java, Python, Swift, C, C++, Web Development, Verilog, VHDL

Computer: LTSpice, Vector CANalyzer, ModelSim, MATLAB

Hardware: Microcontrollers and sensors; Strong knowledge of electrical engineering and circuit design theory

Language: Native in English, Proficient in Arabic and French