# JENEEL FARRELL

Abu Dhabi, UAE | 3015202285 | jeneelfarrell@gmail.com | linkedin.com/in/jeneelfarrell

## PROFESSIONAL SUMMARY

Computer engineering master's student graduating in May 2028 with experience in full-stack software development, AI evaluation, testing, and CI/CD. Built a React and TypeScript platform with backend services at Amazon that reduced robotics compute job setup time by 30 minutes to more than 2 hours. Skilled in Python, Kotlin, JavaScript, TypeScript, REST APIs, AWS, and user-centered product development.

## EDUCATION

**New York University** **Sep 2026 - May 2028**

*Master of Science, Computer Engineering*

- **Coursework:** New York University Abu Dhabi | Graduate Study Away Sep 2026 - May 2027 ,
  Data Science and Artificial Intelligence

**Howard University** **Aug 2022 - May 2026**

*Bachelor's, Computer Science*

## SKILLS

- **Technical Skills**: Python, SQL, JavaScript, TypeScript, Kotlin, REST APIs, AWS (Lambda, S3), Full-Stack Software Development
- **Engineering & Analysis**: Systems Design, Data Analysis, Process Improvement, Technical Documentation, Debugging, Software Testing, Distributed Systems Fundamentals
- **Tools**: Git, CI/CD, Microsoft Office Suite, Figma
- **Professional Skills**: Communication, Team Collaboration, Problem Solving, Project Coordination, Stakeholder Engagement, Adaptability, Time Management

## PROFESSIONAL EXPERIENCE

**Amazon | *Software Development Engineer Intern*** **May 2025 - Aug 2025**

- Designed and implemented a template-based digital platform for robotics compute job creation, reducing setup times by over 30 minutes for standard workflows and more than 2 hours for complex workflows while integrating CI/CD pipelines for automated releases.
- Led full-stack software development for a product using React, TypeScript, and backend services, translating stakeholder requirements into scalable features and managing project deliverables through completion.
- Conducted user-centered design discussions with engineers and technical stakeholders using Figma prototypes to improve usability, workflow standardization, and adoption.
- Produced technical documentation, process guidance, and implementation materials to support service maintainability, team onboarding, and consistent feature delivery.
- Analyzed workflow data and system performance metrics to identify bottlenecks, debug process issues, and recommend improvements to operational efficiency.
- Collaborated across engineering, product, and technical leadership teams to prioritize project deliverables and deliver scalable solutions within an agile development environment.

**Handshake AI | *AI Fellow (Part-Time)*** **Jan 2026 - Present**

- Evaluate and test large language model (LLM) outputs, producing detailed reports on correctness, reasoning quality, and alignment to support reliable software and AI feature development.
- Collaborate with researchers in an agile environment, using structured evaluation methods to identify LLM failure modes and provide actionable feedback for model improvement.
- Contribute to quality assurance processes that support responsible, reliable, and scalable AI deployment.

## EXTRACURRICULAR EXPERIENCE

**Society of Women Engineers | *Secretary*** **May 2025 - May 2026**

- Coordinated logistics and planning for chapter attendance at the SWE National Conference in Austin, TX, including travel arrangements, scheduling, and cross-team communication.
- Managed executive documentation and streamlined internal processes to improve organizational efficiency.
- Facilitated collaboration between student leadership, faculty advisors, and external partners.

**Howard University Alternative Spring Break (HUASB) | *Co-Director of Operations*** **Jul 2024 - May 2025**

- Served as one of 10 directors on the executive leadership team for a student-led service initiative supporting over 1,600 volunteers across multiple U.S. cities.
- Led a 7-member operations and database management team responsible for participant tracking, logistics coordination, and program administration.
- Coordinated with directors, steering committee members, and external stakeholders to support large-scale program planning and execution.
- Contributed to fundraising initiatives and stakeholder engagement efforts that helped secure over $1.5 million USD in corporate sponsorship support.

## CERTIFICATIONS

- AbbVie Academies Intellectual Property (IP) Academy: Southern University Law Center: Issued Jan 2026
- University of the West Indies Live Lecture Series: Leveraging Digital Technology for Public Service Delivery: Certificate of Participation • 2025
- Intermediate Android Development Course for Howard University: CodePath: 78717 • Issued Dec 2024
- User Experience Design Accelerator: General Assembly: Issued Dec 2023

## PROJECTS & OUTSIDE EXPERIENCE

**Hospital Readmission Predictive Modeling - Data Science Project**

- Conducted research and analysis of healthcare datasets to identify factors influencing hospital readmission rates.
- Built predictive machine learning models using Python, Pandas, and scikit-learn to generate insights for healthcare decision-making.
- Cleaned, managed, and analyzed structured healthcare datasets while maintaining data quality and integrity.
- Developed visualizations and analytical reports using Excel and PowerPoint to communicate findings to technical and non-technical stakeholders.
- Explored implications of predictive analytics for healthcare quality improvement and outcomes.