JENEEL FARRELL

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PROFESSIONAL SUMMARY

NYU Computer Engineering master's student and Computer Science graduate with prior Amazon software engineering experience building React and TypeScript interfaces integrated with backend services. Experienced in generative AI evaluation, prompt engineering, UX design, technical documentation, and translating technical concepts into clear guidance. Brings hands-on experience building websites, testing digital tools, and collaborating with technical and nontechnical stakeholders.

EDUCATION

New York University | Master of Science in Computer Engineering **Expected May 2028**

NYU Abu Dhabi | Graduate Study Away, Sep 2026 - May 2027

Relevant Coursework: Introduction to Data Science; Introduction to Artificial Intelligence; Probability and Statistics

Howard University | Bachelor of Science in Computer Science **May 2026**

Scholarships: HU Capstone Scholarship; Trinidad and Tobago Association of Baltimore Scholarship

SKILLS

Web and UX: React, TypeScript, JavaScript, REST APIs, responsive interface design, Figma, prototyping, usability testing
AI and Data: Generative AI, LLM evaluation, prompt engineering, AI quality assessment, Python, SQL, Pandas
Tools and Support: Git, CI/CD, Jira, AWS Lambda, Amazon S3, technical documentation, Microsoft Office, Google Workspace

EMPLOYMENT

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

- Designed and implemented a React and TypeScript platform integrated with backend services, reducing robotics compute-job setup time by more than 30 minutes for standard workflows and over two hours for complex workflows.
- Translated an ambiguous manual process into reusable interface components, tested and debugged features, supported automated releases through CI/CD, and documented workflows for maintainability and onboarding.
- Collaborated with product and engineering stakeholders to identify usability bottlenecks, evaluate tradeoffs, and deliver clear, user-centered improvements.

Handshake AI | AI Fellow, Part-time **Jan 2026 - Aug 2026**

- Evaluated large language model outputs for correctness, reasoning quality, and alignment; documented failure modes and provided evidence-based recommendations for improvement.
- Communicated AI limitations, risks, and corrections clearly within an iterative research and quality-assurance workflow.

PROJECTS

Hospital Readmission Predictive Modeling | Python and Machine Learning **2026**

- Cleaned and analyzed structured healthcare data with Python and Pandas; built and evaluated predictive models with scikit-learn and examined performance limitations.
- Developed visualizations and documented findings for technical and nontechnical audiences, translating model results into clear, decision-relevant insights.

Personal Portfolio Website **2026**

- Designed, coded, and deployed a personal website to present software engineering, UX, education, and project work.

Travel Itinerary App **Oct 2023 - Dec 2023**

- Conducted user research and usability testing and created low- to high-fidelity Figma prototypes for a collaborative travel-planning experience.

LEADERSHIP

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

- Led a seven-member operations and database team supporting more than 1,600 volunteers and contributed to outreach that secured more than $1.5 million in corporate sponsorships.

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

CERTIFICATES

Intermediate Android Development - CodePath, Dec 2024 | User Experience Design Accelerator - General Assembly, Dec 2023