

RAND SARAH HASAN

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EDUCATION

University of Pittsburgh

B.S. Computer Science, B.S.B.A. Finance

Pittsburgh, PA

August 2022 - May 2026

- **Honors:** Dean's List
- **Relevant Coursework:** Data Science, Deep Learning, Software Engineering, Algorithms & Data Structures I & II, Cloud Computing, Discrete Structures, Microeconomics, Macroeconomics, Finance, Public Speaking, Argument

WORK EXPERIENCE

PNC Financial Services Group

Technology Intern

Pittsburgh, PA

May 2025 - Present

- Engineered and deployed a deep learning model that automated invoice classification, cutting a two-week manual sales process to under 24 hours
- Partnered with product and sales teams to launch a scalable tool that improved client conversation rates
- Tailored technical outputs with strategic business needs to streamline the transition of prospective clients from external banks to PNC

CGI Inc.

Software Developer Intern

Pittsburgh, PA

May 2024 - August 2024

- Contributed to a pro-bono consulting initiative by building an educational platform for neurodiverse children
- Led front-end development of a parent dashboard using Flutter, integrated with a Python FastAPI backend
- Worked with stakeholders to translate learning objectives into digital product features, ensuring alignment with project goals

ACTIVITIES AND LEADERSHIP

Panther Equity, Junior Analyst, Tech Sector

January 2025 - Present

- Researched publicly traded tech companies by analyzing industry dynamics, competitive positioning, and macroeconomic trends
- Formulated and pitched investment recommendations for the student-managed portfolio with \$400K+ AUM
- Built financial models and synthesized market data to support decision-making by the fund's leadership committee

Pittsburgh Management Consulting, Consultant & Director of External Outreach

September 2024 - Present

- Collaborated on a 7-person team advising the founder of a Pittsburgh-based consumer goods startup under NDA
- Assessed trade-offs between product line expansion or niche specialization by benchmarking competitors and assessing R&D feasibility
- Produced weekly slide decks containing pricing scenarios, market entry paths, and early-stage product suggestions
- Championed consulting awareness through campus engagement and recruitment efforts

Steel City Codes Pittsburgh, Regional Director

May 2019 - June 2022

- Designed and instructed middle school programming courses focused on object-oriented design and data structures
- Oversaw summer programs serving 400+ students annually, managing curriculum, instructor training, and outreach
- Executed marketing and communications strategy to grow student participation across Western Pennsylvania

Hack the Ram, CEO

August 2019 - April 2022

- Directed Pine-Richland High School's annual hackathon, hosting 200+ attendees annually with \$5K+ in sponsorships
- Managed end-to-end event planning: logistics, marketing, speaker engagement, and fundraising
- Promoted an inclusive environment that emphasized creative problem-solving and peer collaboration

AWARDS

- Top 5% Division Finisher - Pittsburgh Marathon 2025 (12th of 244 in Female 20-24)
- 1st Place Female 19 & Under, Pittsburgh Marathon 2024
- NCWIT Aspirations in Computing Award - Honorable Mention
- National Merit Commended Scholar

ADDITIONAL

Technical Skills: Python, Java, C, JavaScript, React, SQL, HTML/CSS, Flask, FastAPI, Git, Pandas, NumPy, Keras, Tableau, Google Cloud Platform, Microsoft Excel

Certifications: Microsoft Excel Associate, Professional Scrum Master I

Interests: Endurance sports, Comedy and late-night shows, Fashion and beauty, Language and culture, Rap music