

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 build onboarding tools that helped transition dozens of incoming business clients monthly, improving conversion speed across a multi-million dollar pipeline

CGI Inc.

Software Developer Intern

Pittsburgh, PA

May 2024 - August 2024

- Headed technical delivery for a pro-bono consultative initiative supporting an education nonprofit
- Designed and implemented a Flutter-based parent dashboard and integrated a Python FastAPI backend, enhancing usability for 100+ neurodiverse learners and families
- Positioned the final product for future deployment across multiple school districts by constructing scalable frontend components

ACTIVITIES AND LEADERSHIP

Panther Equity, Junior Tech Analyst

January 2025 - Present

- Researched multiple tech companies across cybersecurity and SaaS, analyzing financials, industry trends, and competitive dynamics
- Built a full valuation model and pitched an investment recommendation for CrowdStrike, highlighting its growth drivers and market leadership to the investment committee of the \$400K+ student-managed fund

Pittsburgh Management Consulting, Consultant & Director of External Outreach

September 2024 - Present

- Advised an early-stage Pittsburgh-based CPG startup founder under NDA, presenting weekly slide decks outlining pricing models, market entry plans, and 6 new product concepts
- Benchmarked 4+ competitors and evaluated R&D trade-offs between expanding breadth and deepening niche focus
- Developing a new outreach strategy to grow engagement through targeted recruitment campaigns for Fall 2025

Steel City Codes Pittsburgh, Regional Director

May 2019 - June 2022

- Created and taught programming curricula across multiple courses, introducing core computer science principles like object-oriented design and data structures to middle school students
- Led instructor onboarding and managed day-to-day operations for summer programs serving 400+ students annually
- Scaled program reach across Western PA by driving targeted school outreach and regional marketing strategy

Hack the Ram, CEO

August 2019 - April 2022

- Directed Pine-Richland's annual hackathon, growing attendance to 200+ and securing \$5K+ in sponsorships yearly
- Managed end-to-end event planning: logistics, marketing, speaker engagement, and budget coordination
- 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, Jira

Certifications: Microsoft Excel Associate, Professional Scrum Master I