

Kenneth Barrett

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Farmington Hills, MI

EDUCATION

University of Pittsburgh

- *Bachelor of Science in Computer Science and Minor in Mathematics*
- Expected to graduate May 2025
- GPA: 3.62/4.0

RELEVANT COURSEWORK

- Algorithms & Data Structures, Introduction to Systems Software, Discrete Structures, Linear Algebra and Differential Equations, Programming Languages for Web Design, Applied Cryptography and Network Security

SKILLS

- Programming: Java (Advanced), Python (Intermediate), C (Intermediate), HTML (Beginner), SQLite/mysql(Intermediate) and JavaScript(Intermediate)

PROJECTS

NoteNest- Created a website that transposes guitar audio to tabular notation in a four person group. Applied javascript to a real world application.

Fish Calculator - Created a website to determine compatible tropical fish stockings. Improved on CSS and JavaScript skills and utilized SQL to create a fish database.

Restaurmania - Created a restaurant simulation game in a three person group. Learned basic game design principles and Java graphic interfaces.

ACHIEVEMENTS

- **CyberPatriot Gold Tier** - Cybersecurity competition in which teams work to resolve cybersecurity vulnerabilities.
- **Earned National Cyber Scholarship Scholar** - top 1152 of 45962 competitors in Cyberstart America, earned a free course and attempts for the GFACT certification.

CERTIFICATIONS

- CompTIA Network+ certified
- CompTIA A+ certified
- GIAC Foundational Cybersecurity Technologies GFACT Certified

EXPERIENCE

Shure-Grid Internship, Idaho National Lab, Pittsburgh, PA 5/2024 - 8/2024

- Created educational materials for securing critical infrastructure.
- Worked with faculty at the university of Pittsburgh and industry professionals to create solutions.

Researcher, Project Rebound, Pittsburgh, PA 5/2024 - Present

- Volunteered to help develop a website assisting formerly incarcerated individuals incorporate themselves in day-to-day life.