CHRISTINE GLASCOTT

773-664-6077 | christineglascott@gmail.com | linkedin.com/in/cglascott | github.com/ChristineG29

Education

University of Pittsburgh
Expected May 2027

Bachelor of Science in Information Science | Minor in Computer Science | GPA: 3.68 — *Pittsburgh, PA*

Relevant Coursework: Algorithms and Data Structures, Computer Organization and Assembly, Data Analysis, Discrete Structures, Human-Centered Systems, Communication Networks, Database Management Applications, Security and Privacy

Experience

Carnegie Mellon University School of Computer Science
Pittsburgh, PA

Software Engineering Research Intern — *May 2025 – Present*

- Developing a static type system to enforce non-interfering information flow, securing sensitive data.
- Applying the type system to permission prompts, enabling static analysis of all requests in advance for simplification.
- Incorporating Human-Computer Interaction principles on usable security to create heuristics for permission prompts that prevent habituation and encourage privacy actions aligned with personal preferences.

University of Pittsburgh School of Computing and Information
Pittsburgh, PA

Peer Advisor — *Aug 2025 – Present*

- Advising 75+ first-year students in navigating academic resources and sharing personal insights provide guidance.

Undergraduate Research Assistant — *Jan – May 2025*

- Conducted research in the Department of Informatics and Networked Systems on radio spectrum and quantum networking, focusing on risk management in spectrum sharing and national security implications.

Everyone Can Code Chicago
Chicago, IL

AI + Entrepreneurship Intern — *Jun – Aug 2024*

- Engaged 10+ community stakeholders including executives and government officials to assess youth needs in Chicago.
- Applied AI tools for research and ideation to produce a business model, PR memo, user story, and app prototype.
- Delivered final solution to 100+ audience, representing Apple, University of Chicago, and Illinois Institute of Technology.

Projects

Investigating Chicago Graffiti
April 2025

- Processed and engineered features from 2M+ Chicago 311 graffiti removal records using Python (Pandas, NumPy), applying normalization, encoding, and outlier detection.
- Developed and evaluated machine learning models (Random Forest, Decision Tree, Logistic Regression) to predict graffiti recurrence and removal times.

CPU Simulation
Dec 2024

- Built a functional CPU in Logisim with ALU, Control Unit, FSM-driven Program Counter, Register File, and Memory, enabling fetch–decode–execute cycles to run instructions and generate outputs from data.

The Car Dealer App
March 2024

- Developed a dynamic car-buying application using Java, JavaFX, and SceneBuilder, implementing object-oriented design principles and interactive GUI components to streamline vehicle browsing and selection.

Leadership / Extracurricular

Delta Phi Epsilon at University of Pittsburgh
Pittsburgh, PA

Panhellenic Representative & Networking Coordinator — *May 2025 – Present*

- Coordinating communication with the Collegiate Panhellenic Association and advocate for Delta Phi Epsilon's 70+ members. Managing LinkedIn engagement and organizing professional and academic development events.

Women in Computer Science Club at University of Pittsburgh
Pittsburgh, PA

Mentor & Member — *Aug 2023 – Present*

- Advocating for women in technology through peer mentorship and participating in career-building events.

Women For A Healthy Environment
Pittsburgh, PA

iServe Technology Volunteer — *Sept – Dec 2024*

- Developed and presented an ArcGIS story map using EPA data, highlighting environmental impacts for 200+ schools.

Technical Skills

Programming Languages: Java, Python, MIPS, OCaml, R, SQL
Developer Tools: ESRI ArcGIS, Git, Jupyter Notebook, Logisim, Linux, R-Studio, SceneBuilder
Libraries / Frameworks: NumPy, Pandas, Matplotlib, Seaborn, NetworkX, Scikit-learn