Home Address:
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Carson Fisher

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School Address:
4057 Sansom St.
Philadelphia, PA 19104

EDUCATION

University of Pennsylvania | Philadelphia, PA   Expected Graduation: May 2026
Candidate for Bachelor of Arts
GPA: 3.83/4.00 | Dean's List: 2022-2023 (Dean's List abolished in 2023)
Majors: International Relations and Computer Science | *Minor*: Data Science | *Certificate*: Spanish Language
Activities: Veritas Forum Executive Board, Doxa Student Ministry Team Leader, Penn Epistle Writer, Spanish Language Table, Former Penn Political Union Executive Board, Former College House Council Fundraising Director
*Relevant Coursework (*currently enrolled):* Artificial Intelligence and International Security; Artificial Intelligence; Big Data Analytics

Hendersonville High School | Hendersonville, TN   Graduated: May 2022
Valedictorian | ACT Score: 36 | 14 AP Courses | GPA: 4.00/4.00
Honors/Leadership: President of National Honor Society, Security Council at state-level Model UN, Chess Club, and Model United Nations | MIT Lincoln Laboratory LLCipher Certificate in Cryptography and Securing Data | YMCA Center for Civic Engagement State Officer | Chief Clerk of Senate at state-level Youth in Government | Attendee MIT Blueprint concentrating in Web Development | Sumner County Student Leadership Council

PROFESSIONAL EXPERIENCE

Microsoft*, Software Engineering Intern* | Washington, DC   May 2025—Present
- Designed and implemented a GraphRAG-based memory plugin for LLMs, enabling dynamic retrieval decisions and graph-structured memory construction within a time-based cognition model inspired by human memory
- Enhanced a multi-factor authentication application for secure, air-gapped cloud environments
- Diagnosed and repaired faulty pipelines using Azure DevOps, improving CI/CD reliability and reducing deployment errors
- Developed synthetic monitoring tests using the Geneva Platform, enabling early detection of critical failures and preventing customer-facing incidents
- Collaborated using platforms like Engineering Hub to document solutions and align with enterprise authentication standards

United Nations and **University of Pennsylvania**, *College Alumni Research Grant Recipient* | Philadelphia, PA   January 2024 – Present
- Accredited Stakeholder at United Nations Open Ended Working Group on Information and Communication Technologies, attending plenary sessions, NGO events, and supranational consultations to analyze cyber norm development
- Collected position statements and documents from over 100 nations and NGOs participating in the Working Group
- Engineered a neural network for ideological pattern recognition within official national statements and policies

National Geospatial-Intelligence Agency, *Summer Intern* | Washington, DC   May—August 2024
- Analyzed and assessed radar data and thermal infrared imagery to extract intelligence and geospatial information
- Created and applied techniques for analyzing big data and complex data sets through statistics, scripting, and visualization
- Applied knowledge of geographic information, remote sensing, statistics, and intelligence issues to discover data trends
- **Notable Employee Accomplishment** recipient

University of Pennsylvania, *Research Assistant in Political Science Department* | Philadelphia, PA   August 2022 – July 2023
- Built a corpus of thousands of statements from UN transcripts to track changes in international technology policy stances
- Cleaned and organized collected data for text analysis and measurement of Chinese political socialization at the UN
- Researched at United Nations Headquarters with Open-Ended Working Group on Information and Communication Technologies, collecting statements from diplomats, attending NGO events, and collecting ethnographic data

Historic Rock Castle, *Program Director and Volunteer Coordinator* | Hendersonville, TN   October 2018 – August 2023
- Developed summer camp curriculum and facilitated daily camp activities with over 50 children each day
- Coordinated and oversaw over 50 volunteers at community events with thousands of attendees
- Organized volunteers for the largest Easter egg hunt in Tennessee with over 115,000 eggs
- Educated school groups and camps of the complex and controversial history of the nationally registered historic site

Nashville Rescue Mission, *Volunteer and Teacher* | Nashville, TN   June-July 2022
- Co-taught computer literacy course for formerly incarcerated, homeless, and displaced Nashvillians
- Earned **Gold Presidential Service Award** for over 400 hours dedicated to community service

SKILLS & CLEARANCES

Programming Languages: Java (Advanced), Python (Advanced), C (Intermediate), SQL (Intermediate), Assembly (Intermediate), OCaml (Intermediate), Azure (Intermediate), C#(Intermediate), AWS (Beginner)

Additional Skills: Software Engineering, Object-Oriented Programming, Cloud Computing, Software Development, Imagery Analysis, Geospatial Intelligence, Measurement and Signature Intelligence, Pandas, PySpark, Microsoft Excel, Project Management