

SOPHIA ROBLES

Chicago, IL 60616 | (989) 297-5631 | srobles2@hawk.iit.edu | www.linkedin.com/in/sophiamrobles

EDUCATION

Illinois Institute of Technology, Chicago, IL Expected May 2026
M.S. Data Science

Illinois Institute of Technology, Chicago, IL Expected May 2026
M.S. Information Technology Management

Illinois Institute of Technology, Chicago, IL Expected May 2026
B.S. Information Technology Management, 3.97 GPA

- Specialization in Cybersecurity, Minor in Psychology.

SKILLS

Programming & Technologies

- Technical Skills: Powershell, SQL, Python, Java, HTML, CSS, JavaScript, R/R Studio, Excel/VBA, CAD, OS (Windows, Linux, Unix, Mac), AI (Machine Learning, TensorFlow, PyTorch, Scikit-Learn)
- Cybersecurity: Network (Secure network design, VPN, SSL/TLS, Network monitoring), Encryption (PKI, AES, RSA, HTTPS, SSH), Penetration Testing (Metasploit, Wireshark, Nmap), Cloud Security (AWS, Azure, Google Cloud).

PROFESSIONAL EXPERIENCE

Student Researcher

S Laboratory, Chicago, IL 2021 - Present

- Utilize Python, MATLAB, and SQL to analyze and visualize large-scale neural datasets, contributing to research on AI sentience within the field of computational neuroscience.
- Develop data processing pipelines using Pandas and NumPy to explore neural patterns related to AI sentience.

Third Party Attestation (TPA) Internship

BDO, Chicago, IL 2024 - 2024

- Conducted and supported third-party audits (SOC 1, SOC 2, ISO 27001), assisting in data analysis, evidence collection, and documentation to ensure compliance with IT systems standards.

ESG Data Analyst Internship

Sustainable Fitch (Fitch Group), Chicago, IL 2023 - 2023

- Leveraged financial models and performed ESG analysis of 21 investment-grade technology and automotive companies; presented analysis reports to portfolio managers and analysts across 2 processes.
- Utilized Excel/VBA to streamline data management in 2 different investment tools under the development team, enhancing efficiency and accuracy in ESG risk assessment.
- Undertook project with a team of nine researchers on data analytics investment research using a combination of statistical models to assess ESG value in Asset Manager and CLO performance.

Founder

PECOSA, Saginaw, MI 2019 - 2021

- Established and operated a Shopify-based drop shipping business-- managed accounting records through Excel, built a storefront website, and ran advertising operations using targeted advertising campaigns on TikTok and Instagram.

HONORS & ACHIEVEMENTS

- Genisys Venture Capital Scholar -- Kaplan Institute, IIT Chess Club President, Poker @ IIT, Society of Hispanic Engineers -- IIT Chapter, Women in Computing -- IIT Chapter
- Awarded Dean's List, Leaders in Science & Technology, Heald Scholar, STEM+ Scholar, Scholastic Art & Writing Awards Gold medal, Michigan Youth Arts Festival Scholar, and Interlochen Arts Virginia B. Ball Scholarship.
- Published with Scholastic Art & Writing, MYAF, River Junction Poets, Theodore Roethke Foundation, Perspectives Journal, Parallax Journal, Cardinal Sins.
- Trained ballet with Joffrey Ballet, Youth American Grand Prix, Flint Institute of Music, and Young People's Ballet Theater.