

# Samuel Meads

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## EDUCATION

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- **University of Miami** Coral Gables, FL  
*Bachelor of Science in Computer Science, Minor in Mathematics* 08/2022 – present
  - **Relevant Coursework:** Cybersecurity, System Programming, Computer Organization and Architecture, Data Structures and Algorithms, Database Systems, Python Programming

## PROJECTS AND LABS

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- **Network Traffic Analysis** <https://github.com/sammeadss>  
*Wireshark, Tcpdump, Nmap, Splunk, Python* 05/2025 - 07/2025
  - Conducted comprehensive network traffic analysis investigation using Wireshark, Tcpdump, and SIEM tools to identify and document suspicious network activity patterns
  - Created systematic investigation procedures and automated reporting workflows that reduced analysis times while maintaining thorough documentation standards
- **Incident Response with SIEM Integration** <https://github.com/sammeadss>  
*Splunk, Wireshark, Nmap, Metasploit, Python* 05/2025 - 07/2025
  - Implemented real-time incident response workflows using SIEM tools (Splunk/ELK) to correlate security events across multiple data sources and automate threat detection
  - Built custom incident response dashboards and automated workflows that improved threat detection accuracy and streamlined security operations
- **NutriTerm (Nutrition-Tracking CLI)** <https://github.com/sammeadss>  
*Python, SQLite, Tensorflow* 03/2025 – present
  - Developed a Python CLI that parses natural language food entries, computes BMR/macro targets with evidence-based formulas and stores logs in an index-tuned SQLite database via SQLAlchemy.
  - Implemented TensorFlow models to forecast weight trends and generate AI-driven macro recommendations, adding automated testing (pytest) and CI pipelines (GitHub Actions) to ensure reliability and rapid iteration.
- **Personal Portfolio Website** <https://github.com/sammeadss>  
*HTML5, CSS3, JavaScript, GitHub Pages* 01/2025 - present
  - Created a terminal-themed personal site with 13+ custom CLI commands, live typing effects, and responsive design using HTML5, CSS3, and JavaScript.
  - Wrote a lightweight JavaScript command parser and modular content loader, then published on GitHub Pages, sharpening my Git workflow and front-end animation skills along the way.

## INVOLVEMENT

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- **Google Student Developer Club** Coral Gables, FL  
*Member* 08/2022 - present
  - Collaborate with STEM students in technology workshops, creating a learning environment focused on software technology and development skills.
  - Participate in career development seminars led by successful professionals in software, gaining insights into industry trends and networking opportunities.
- **CodePath Emerging Engineers** Remote  
*Member* 09/2024 - present
  - Engage with students worldwide to build a professional network and exchange knowledge on cybersecurity practices and trends.
  - Completed a 10-week intermediate cybersecurity course, collaborating with a group on various projects that reinforced skills in security principles, malware analysis, and incident response.

## SKILLS

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- **Languages:** English, Spanish, Python, HTML, CSS, JavaScript, R, SQL, C, Java, Bash/Shell, LaTeX
- **Tools & Frameworks:** Git, GitHub, Visual Studio Code, IntelliJ IDEA, Eclipse, PyCharm, Splunk, Snort
- **Security & Networking:** Wireshark, Nmap, Metasploit, VMware Workstation/Fusion, VirtualBox
- **Office Suites:** Microsoft Office Suite, Google Workspace