First Name Last Name

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EDUCATION

University of Connecticut   **Storrs, Connecticut**
Bachelor of Science in Computer Science / Minor in Economics   August 2022 - May 2026
Concentration: Cybersecurity
Related Courses: Data Structures and Object-Oriented Design, Discrete Mathematics, Cybersecurity Principles
Programming Languages and OS: Python, C, Linux
Developer Tools: Google Cloud Platform, Visual Studio Code, Cryptography Tools

EXPERIENCE

Sentiment Analysis | UCONN   January 2024 – May 2024
- Automated the execution of startup scripts by developing and managing a virtual machine on Google Cloud using Linux and Python, resulting in a 30% improvement in project setup efficiency.
- Partnered with a team to design and implement instances that dynamically process and generate results, enhancing real-time data analysis and visualization by 20%.

Introduction to Cybersecurity | Codepath   February 2024 – May 2024
- Completed a rigorous ten-week course, acquiring hands-on experience with cryptography tools and successfully defending against 95% of simulated cyber-attacks, demonstrating strong defensive strategies through proactive threat identification and mitigation.
- Implemented SSH protocols to secure Ubuntu virtual machine environments, enhancing security measures in lab exercises by 50% through robust encryption methods and secure access configurations, ensuring data integrity and confidentiality.

Cybersecurity GSDC | UCONN   September 2023 – May 2024
- Coordinated with team members to plan and conduct workshops focused on cybersecurity tools, significantly enhancing participants' practical knowledge through hands-on training sessions and interactive demonstrations.
- Assisted in the development of a cybersecurity clinic, to provide guidance and support to students to enhance their cybersecurity knowledge and skills through practical exercises and real-world scenarios.

PROJECTS

Password Manager
- Engineered a Django-based password manager incorporating advanced encryption protocols, achieving robust data protection.

EXTRACURRICULAR ACTIVITIES

Engineer Ambassadors   **Stamford, Connecticut**
Student Ambassador   January 2024 – Present
- Actively engaged with K-12 students through interactive workshops and demonstrations, promoting STEM interest and reaching over 200 students annually.
- Organized and led community events, effectively bridging the gap between academic concepts and real-world applications, fostering a practical understanding of STEM education and increasing student engagement.