

Cole Baugh

CYBERSECURITY SPECIALIST

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“If I must fall I will rise again a better man.”

Summary

Cole Baugh is currently a senior at Arcadia University with a strong interest IT Security and artificial intelligence. He is currently working on obtaining both a CompTIA Security+ and Pentest+ Certifications and plans to have them both complete by Fall '24.

Skills

Programing Python, Java, Bash, SQL, Latex

Tools Git, Github, Linux, Docker, AWS

Certifications

CompTIA Security+, March 2024(expected)

Education

Arcadia University

Glenside, PA

BS IN MATHEMATICS AND COMPUTER SCIENCE

January 2022 - May 2024(Expected)

- Maintain a 3.9 GPA
- Relevant course work: Intro Securing a Network, Intro to Security Assessment, Probability, Data Science with Python

Montgomery County Community College

Blue Bell, PA

A.A. IN MATHEMATICS

August 2018 - December 2021

- Graduated with a 3.5 GPA

Work Experience

National Science Foundation REU program

Little Falls, NJ

UNDERGRADUATE RESEARCHER

Summer 2023

- Developed and implemented feature engineering methods on network traffic data, enhancing the program's capability to detect and respond to cyber threats effectively.
- Presented research findings at a poster presentation, effectively communicating complex technical concepts to diverse audiences.
- Submitted a comprehensive report detailing the methodology, results, and implications of the feature engineering methods applied to network traffic data.

Agile Risk Management

Blue Bell, PA

INTERN

June 2022 - Current (Seasonal)

- Assisted in the creation of lead sheets, providing valuable support in documenting and organizing essential information for effective cyber security management.
- Collaborated in the creation and implementation of new security policies, ensuring alignment with industry best practices and addressing internal and external cyber security requirements.
- Played a key role in developing internal security policies, contributing to a more robust and secure organizational infrastructure.

CMMC Solutions

Allentown, PA

INTERN

July 2021 - January 2022

- Played a key role in the creation and implementation of new security policies, both internally and externally, contributing to enhanced organizational security posture.
- Collaborated to conduct comprehensive reviews of security controls, addressing vulnerabilities identified during NIST-800 audits.
- Assisted in performing NIST-800 security audits, ensuring compliance with established security standards and identifying areas for improvement.

Honors & Awards

Fall 2023	Second Place Finisher , Jawn Con CTF	Glenside, PA
Fall 2023	Diamond Ranked (Top 1%) , National Cyber League Team	Virtual
Spring 2023	Diamond Ranked (Top 8%) , National Cyber League Individual	Virtual
Spring 2023	Diamond Ranked (top 1%) , National Cyber League Team	Virtual
Spring 2022	Platinum Ranked , National Cyber League Individual	Virtual
Spring 2022	Platinum Ranked , National Cyber League Team	Virtual

Presentation

Science History Institute's Start Talking Science

Philadelphia PA

PRESENTER FOR <ASTRO PROJECT>

Nov. 2023

- Introduced A Student lead initiative to retrofit a 40 year old observatory for remote Use

Extracurricular Activity

Cybersecurity Club

Arcadia University

CORE MEMBER

January 2022-Current

- Assist in preparing club members for cyber security competitions.
- Participate in National cyberleagues team game with other members.

Montgomery County Community College Esports team

Blue Bell, PA

IN GAME LEADER/TEAM CAPTAIN

2020

- Assisted in organizing team practices.
- Responsible for coming up with in game strategies.
- Participated in game review as well as coaching of players.

Arcadia University Esports Team

Glenside, PA

IN GAME LEADER

2021-2023

- Assisted in organizing team practices.
- Responsible for coming up with in game strategies.
- Participated in game review as well as coaching of players.
- Organized team bonding activities.