

Alexis Caldwell

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WORK EXPERIENCE

Security Engineer Intern at Carnegie Learning, Pittsburgh, PA (Remote)

June 2023 - Present

- Triage and responded to security alerts generated by AWS GuardDuty, ensuring timely and appropriate actions to mitigate potential threats
 - Conducted thorough vulnerability assessments using SonarQube, contributing to the identification and resolution of code-related security issues
 - Created and managed Jira boards to track security-related tasks, effectively coordinating efforts across cross-functional teams and ensuring timely resolution of security issues
 - Contributed to the development and implementation of security best practices, enhancing overall security posture and awareness within the organization.
 - Spearheaded security management program by reducing security backlog tickets created by engineers
 - Documented technical security best practices and processes
 - Created a vulnerability management process to reduce overall threat landscape of the company
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SKILLS

Programming Languages: Java, Python, HTML, CSS, JavaScript, SQL, C

Application Security: OWASP, SonarQube, Nmap, Dependabot

Cloud Applications: AWS GuardDuty, AWS Security Hub

Platforms & Technologies: GitHub, Jira, Confluence, Windows

Others: Adobe Premiere Pro, Adobe Photoshop, Google Suite

EDUCATION

Allegheny College - Meadville, PA

Graduation Date: May 2023

Bachelor of Science: Computer Science

GPA: 3.6/4.0

Minor: Communication Arts (Film)

Senior Thesis: SeQure: Cross-Site Scripting Vulnerability Tool for WordPress Form Plugins

- Conduct a two semester independent research project that will be written and orally defended before a panel of judges charge with degree approval
- Employed the use of Python to discover vulnerabilities within WordPress contact form plugins

Distinguishments

Distinguished Alden Scholar (Recognized for achieving a 3.8+ GPA)

Fall 2021 - Spring 2022

Inducted into Chi Alpha Sigma

Spring 2022

Trustee Scholar (Merit - Based)

Fall 2019 - May 2023

Relevant Coursework

Data Analytics (R), Operating Systems (Python, C, Go), Database Systems (SQL), Web Development (HTML, CSS, JavaScript), Computer Organization (C, ASM, Logisim), Computer Algorithms (Python, LaTeX)

APPLIED COLLEGE COMPUTER SCIENCE EXPERIENCE

Technical Leader - Computer Science Dept., Allegheny College

August 2022 - May 2023

- Provide technical support to students in the computer science department when it pertains to the material taught across coursework
- Attend weekly practical and laboratory sessions including holding office hours if individuals needed personal assistance

Gator Miner - Computer Science Dept., Allegheny College

Fall 2021-Winter 2021

- Navigated and solved solutions issues with a group to innovate this automated text-mining tool
 - Created a shell script and bat file that would automatically install all of the needed dependencies for running GatorMiner
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REFERENCES

- **Maria Wydick - Carnegie Learning**
 - mdwydick@gmail.com | 314-484-2384