

Benjamin Young
bay19@pitt.edu

Education:

December 2021 (Anticipated Graduation Date)

Bachelor of Computer Science, University of Pittsburgh, Pittsburgh, PA

Pitt Honor's College Member

Dean's List ~ GPA: 3.7/4.0 Major GPA: 3.8/4.0

Relevant coursework: Web Applications, Software Quality Assurance,

Algorithm Implementation, Algorithm Design (in progress), Artificial Intelligence (in progress), Compiler Design, Operating Systems

Currently pursuing 5-year BS/MS degree track that will allow me to obtain my Master of Computer Science degree in December 2022.

May 2018

High School Diploma, Northstar Christian Academy, Rochester, NY

Experience:

5/19 – Present

CERT Intern, Carnegie Mellon University Software Engineering Institute, Pittsburgh, PA

Single-handedly developed custom Terraform provider; Led development of desktop application; created and assured quality of cyber security challenges and tools; wrote Python scripts to automate tasks, saving several days of time.

Skills:

- Languages: Java, Python, Go, C#, C, Rust, HTML, CSS, JavaScript
- Technologies and Frameworks: .NET, Terraform, Jira, Flask, Linux, Git, JUnit, Selenium, Java Path Finder, Confluence
- Development Methodologies: Agile Development, Test Driven Development

Projects:

- Custom Terraform Provider – Led ground-up development of a custom Terraform provider to manage cloud-based infrastructure.
- NICE Framework Explorer – Java program to allow easy and streamlined exploration of the NICE cybersecurity framework.
- Secure Chat Server – Implementation of a chat server and client where messages are encoded using RSA encryption.
- File System Implementation – Userspace implementation of a Unix-style file system. Supports all standard file operations.

Activities:

Vice President of Pitt Sports Analysis Club

Facilitate meetings and ensure duties are performed by other officers

References available upon request