

Benjamin Young

Education:

December 2021 (Anticipated Graduation Date)

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

Pitt Honor's College Member

Dean's List ~ GPA: 3.6/4.0 Major GPA: 3.7/4.0

Relevant coursework: Web Applications (in progress), Software Quality Assurance, Algorithm Implementation, Compiler Design (in progress), 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

Led development of desktop application used by several team members; Developed custom Terraform provider; created and assured quality of cyber security challenges, educational content, and tools; wrote Python scripts to automate tasks, saving several days of time.

Skills:

- Languages: Java, C, Python, Rust, Go, HTML, CSS, Javascript
- Technologies and Frameworks: JUnit, Selenium, Linux, Git, Java Path Finder, Jira, Terraform, Flask
- 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.

Activities:

Vice President of Pitt Sports Analysis Club

Facilitate meetings and ensure duties are performed by other officers

References available upon request