Benjamin Young

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byoung585.github.io

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: Algorithm Design, Algorithm Implementation, Web Applications, Software Quality Assurance, Artificial Intelligence, 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

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

Single-handedly developed custom Terraform provider; Added significant features to frontend and backend of web application; Automated several days of tasks using Python

Skills:

- Languages: Java, Python, Go, C#, C, Rust, TypeScript, HTML, CSS, JavaScript
- Technologies and Frameworks: Angular, .NET Core, Terraform, Jira, Flask, Linux, Git, JUnit, Selenium, 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.
- Map Application – Extended both UI and API of an existing web application to implement a significant new feature. It allows users to create maps representing network topologies.
- 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