Benjamin Young
bay19@pitt.edu
https://byoung585.github.io

Education:

December 2022 (Anticipated Graduation Date)
Master of Computer Science, University of Pittsburgh, Pittsburgh, PA

December 2021 (Anticipated Graduation Date)
Bachelor of Computer Science, University of Pittsburgh, Pittsburgh, PA

- o Pitt Honors College Member
- o Dean's List
- o GPA: 3.7/4.0
- o Relevant coursework:
  - Structure of Programming Languages
  - Undergraduate Compiler Design
  - Graduate Compiler Design (Fall 2021)

Experience:

May 2021 – August 2021
Software Engineering Intern, Salesforce, Indianapolis, IN

- Implemented robust automations using Python, saving 10 hours of time per week
- Implemented integration tests and monitoring solutions to validate infrastructure configurations and builds
- Developing custom Terraform module, reducing virtual machine build to hand-off time by 50% (in progress)

May 2019 – May 2021
Software Engineering Intern, Carnegie Mellon University Software Engineering Institute, Pittsburgh, PA

- Independently developed two custom Terraform providers, allowing for the safe and efficient management of cloud-based resources.
- Worked with Agile full-stack development team to add significant functionality to multiple web applications, using Angular on the frontend and C# on the backend.
- Automated tasks using Python, saving several days of time.

Skills:

- **Programming Languages**: Java, Python, Go, C#, C, Rust, TypeScript, HTML, CSS, JavaScript, SQL, PHP
- **Frameworks**: Angular, .NET Core, Flask, JUnit, Selenium
- **Technologies**: Terraform, Jira, Linux, Git, Confluence, PostgreSQL, LaTeX, Chef, Splunk, Monit, TeamCity
- **Development Methodologies**: Agile Development, Test Driven Development

Activities:

President of Pitt Sports Analysis Club

- Lead meetings
- Ensure club complies with university regulations
- Create and facilitate activities

References available upon request