

**Benjamin Young**  
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<https://byoung585.github.io>

**Education:**

**December 2022 (Anticipated Graduation Date)**

**Master of Science in Computer Science, University of Pittsburgh, Pittsburgh, PA**

**December 2021 (Anticipated Graduation Date)**

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

- Pitt Honors College Member
- Dean's List
- GPA: 3.7/4.0
- 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 manual 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