

Tom Patrick Appenzeller

tomappenzeller.tech
tappenze@purdue.edu

Github.com/tappenze
tomapp3@gmail.com

linkedin.in/tom-appenzeller
(765) 421 3009

Education

Purdue University, West Lafayette, IN
Majors: Computer Science, Mathematics, Applied Statistics
Tracks: Software Engineering, Machine Learning

3.75/4.0
Expected graduation: May 2022

Honors & Awards

- | | |
|--|-------------------|
| • Tarkington Hall Officer of the Year | 2019 |
| • Purdue University Dean's List | Fall 2018-Present |
| • Finalist 2018 National Merit Scholarship | 2018 |
| • National AP Scholar | 2018 |
| • Valedictorian of Harrison High School | 2018 |

Skills

- Java, JavaScript, Python, C++, C, ARM Assembly, HTML/CSS, Bash, Gherkin/Cucumber, R, PHP
- Mocha, Agile Methodology, Atlassian Products, Node, React, Springboot, Linux/Unix, Git

Internships & Programs

Liberty Mutual Insurance (Bar Coders Agile Squad)

May 2020 – August 2020

- Assembled behavior tests in Gherkin/Cucumber and JS for react application features
- Created React components using hooks and JS
- Utilized Agile Methodologies and Atlassian Products

Purdue Mathematics Tutor

May 2019 – Present

- Calculus I & II, Multivariate Calculus, Linear Algebra, Finite Math, Data Structures, Algorithms, Abstract Algebra Concepts

Prof. Milind Kulkarni (School of Electrical and Computer Engineering, Purdue University)

January 2019 – January 2020

- Investigated creation of C language parser in Python
- Designed and developed user interface for code optimization program
- Authored unit tests of software which performs code optimizations
- Researched methods to optimize compile-time tree traversals of irregular programs

Projects

- | | |
|---|----------------|
| • Financial App | March 2020 |
| ◦ Created React app using WorldTradingData API to visualize stock development | |
| • Personal Website | December 2019 |
| ◦ Created Tomappenzeller.tech using web languages and Github hosting | |
| • BoilerMake Hackathon | January 2020 |
| ◦ Integration of Spotify API, Apple Music API, and React for musical web app | |
| • Hello World Hackathon | September 2018 |
| ◦ Lead team in Android social media application development | |

Extracurricular Activities and Leadership

- | | |
|---|-------------------------|
| • PSSC Senator, Networking and Career Outreach Committee Head | August 2019-Present |
| • College of Science Ambassador | March 2019 - Present |
| • Purdue ACM SIGAPP Developer | January 2019 -Present |
| • Halberdier Club (Tarkington Hall) Elected Vice President | January 2019 - May 2019 |