

Tom Patrick Appenzeller

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tomappenzeller.tech

[Github.com/tappenze](https://github.com/tappenze)

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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

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

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