Tom Patrick Appenzeller

tappenze@purdue.edu   (765) 421 3009

tomappenzeller.tech   Github.com/tappenze   linkedin.in/tom-appenzeller

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Education

Purdue University, West Lafayette, IN   3.75/4.0
Majors: Computer Science, Mathematics, Applied Statistics   Expected graduation: May 2022
Tracks: Software Engineering, Machine Learning

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   Firebase

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

- Appointed Head Tutor   July 2020
- 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

- 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
  - Engineered 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