Tom Patrick Appenzeller

Personal Website: tomappenzeller.tech

(765) 421 3009

326 S Chauncey Ave • Apt. 18 . • West Lafayette, IN 47906

tappenze@purdue.edu

Education

Purdue University, West Lafayette, IN
3.75/4.0

Majors: Computer Science, Mathematics, Statistics
Expected graduation: May 2022

William Henry Harrison High School
May 2018

West Lafayette, Indiana
4.0/4.0 (unweighted)

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

- Computer Languages: Java, Python, C, ARM Assembly, HTML/CSS
- Languages: German

Internships & Programs

Prof. Milind Kulkarni   (School of Electrical and Computer Engineering, Purdue University)   January 2019 - present

- Writing C language parser in python
- Create user interface for code optimization program
- Wrote verification tests of software which performs code optimizations
- Researched methods to optimize compile-time tree traversals of irregular programs

Prof. Pedro Irazoqui   (Weldon School of Biomedical Engineering, Purdue University)   June 2017 - September 2017

- Authored research paper submitted to Siemens competition 2018
- Performed, as part of a DARPA project, surgeries on rat test subjects to explore nerve stimulation as a treatment option for cytokine-related illnesses as depression

Projects

- HackIllinois Hackathon — February 2019
    - Backend implementation of Amadeus API for 'Real Time Flight'
- Hello World Hackathon (Purdue University) — September 2018
    - Lead team in Android social media application development to connect local musicians and create 'Jam Sessions'
- BoilerMake Hackathon (Purdue University) — October 2018
    - Lead team in HTML research to create website design for social media application

Extracurricular Activities and Leadership

- PSSC Senator — August 2019-Present
    - Networking and Career Outreach Committee Head
- Boilers CTF Hacker — August 2019 - Present
- Cosine Math Tutor — June 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