Jacob Sharp

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I am a non-traditional dual major in my sophomore year of studies at the Honors College seeking a software engineering internship. Curious about expanding the reach of humankind through the use of technology and engineering. Willing to relocate anywhere in the world.

TECHNICAL SKILLS

Back End: C++ • Python • Java • C
Front End: HTML 5 • CSS • JavaScript
Tools: Git • Trello • Cypress • Google Workspace • VMWare Fusion • Ubuntu

EDUCATION

University of Pittsburgh   August 2022 - May 2025
B.S. Computer Science and B.S. Applied Mathematics, Honors College

Related Coursework:
- Introduction to Systems Software, Computer Organization and Assembly Language, (Hons.) Variable Calculus

Spring 2023 Coursework:
- Algorithm Implementation, Formal Methods in Computer Science, Introduction to Operating Systems, (Hons.) Linear Algebra

TechWise By TalentSprint, Sponsored by Google   March 2022 - Present
- Hands-on experience through courses on software development, web development, and other topics. Talks from industry professionals on career building and professional development. Group projects with check-ins and presentations to industry professionals.
- Mentored by Ulaş Bardak (ulasb@google.com), Director of Engineering, Google.

Community College of Allegheny County   January 2021 - May 2022
Dean's List, Honors Program

Related Coursework:
- Data Structures

WORK EXPERIENCE

OpusCapita, Inc. (Remote)   May 2019 - August 2019
Software Consultant (Intern)
- Researched and created a specification of country-based mailing formats to validate different locations for use within OpusCapita's commercial software product.
- Supported upload and troubleshooting of supplier catalogs for use in multiple customer's eCommerce webshops.
- Navigated the intranet for documentation to complete tickets.

PROJECTS

Chess | Project Manager ([In Progress](#))   July 2022 - Present
- TechWise project: Responsible for project management for a team of five. Taught and supervised more junior developers and fostered communication in the learning environment.
- Website-based chess focused on the ease of playing Simultaneous Exhibitions (Simuls).
- Future improvements include
- Languages/Frameworks/Tools: *Python, HTML, CSS, JavaScript, PyGame, Git, Trello*

Calculator in Assembly ([In Progress](#))   October 2022 - Present
- Written in MIPS Assembly Language. Features the standard arithmetic operations.
- Future improvements are not limited to other scientific operations.

ACTIVITIES

[Panther Leadership Academy](#)   September 2022 - Present
Develop leadership philosophy and refine leadership skills through a targeted 20-week program at the University of Pittsburgh.

[Indy Autonomous Challenge](#) with [PittRAS](#)   September 2022 - Present
Design a full-sized racecar's movement using computer vision.

Volunteer at [Global Links](#)   August 2022 - Present
Manage packages using database management software for medical surplus to be shipped off to countries most in need.