

Paul Davis

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EDUCATION

University of Pittsburgh

B.S., Computer Science

(2014-2018)

- Relevant Classes: Systems Programming, Operating Systems, Software QA, Interface Design, Databases, Intro to AI, Computer Security and Privacy

WORK EXPERIENCE

Reformed University Fellowship at University of Washington (Seattle, WA)

Campus Staff

(June 2018 - July 2021)

- Met with over 100 college students 1:1 to mentor and connect them to other students and the group
- Self funded a budget of over \$150,000 through cold calling, setting meetings, and hosting fundraisers
- Facilitated the transition to all online events with COVID-19. Hosted and provided technical support for weekly Zoom calls with groups of up to 60 students, including events with live music
- Created learning environments in which students could connect and build relationships through organizing small groups, book studies, and social events. Coordinated logistics of events with university administration
- Researched university student demographics to increase participation and maximize student involvement

University of Pittsburgh (Pittsburgh, PA)

Pitt Vibrant Media Lab Technician

(2017-2018)

- Assisted with the creation of on-campus space for exploring digital media, preserving and developing video games, 3D printing, and technology exploration
- Programed a book scanner in Java, Bash, and Javafx to import images from cameras, process them, and output in an formatted OCR PDF

BNY Mellon (Pittsburgh, PA)

Client Technology Solutions Intern

(Summer 2017)

- Developed a user-friendly platform for IT support desk that pulled all relevant caller information into a single dashboard and automated password reset. Written in Java, SQL, and JavaScript
- Updated technical and user documentation for said product for employees using platform

Perfect Storm Media (London, UK)

Technology Intern

(Summer 2016)

- Analyzed client websites and researched user complaints to offer suggestions for a better user experience and more effective Google keyword ranking
- Updated company website frontend to better attract new clients

Freelance Computer Technician

(2013 - Current)

- Assessed client's needs, implemented solutions, as well as troubleshooted technical issues. Performed tasks such as recovering lost family photos, upgrading hard drives, implementing network backup, or fixing email
- Created, updated, and managed multiple home networks

Languages and Tools

- Java, C, Python, Swift, Bash, yaml, SQLite
- Git, Xcode, Android Studio, Google Adwords, Home Assistant

Projects

- **Theatrically (Web app, Personal Project):** A web app which serves local movie times with ways to search by title, theater, or format. Built with Python, Flask, SQLite, and JSON.
- **Squirle - A Real Time Gaming and Streaming Network Site (Web and mobile site, Course Project):** Worked with 4 others students hitting development and documentation milestones over the semester. Up to 4 players could connect using phones as controllers to play multiplayer game on a computer. Developed backend in Java and Python, wrote test cases in Jasmine, and managed requirements.
- **StudyBuddies (Android App, Course Project):** Worked with team of 4 to build an android app to connect with fellow students to study in a group. Ran usability tests with outside students to tailor app to needs.
- **TriviYinz (Android App, Hackathon):** A Pittsburgh trivia app where users could compete and compare scores with friends. Designed frontend and wrote the trivia questions.