# Scott Schwartz

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## —EDUCATION—
**Bachelor of Science in Computer Science**

*University of Pittsburgh, Pittsburgh, PA*                                      *Expected Graduation: April 2025*
GPA: 3.35                                                                            Dean's List Fall '21 & Fall '22
**Relevant coursework:** Comp. Organization & Assembly Language | Intro to System Software | Intro to Operating Systems | Algorithms and Data Structures 1 & 2 | Software Quality Assurance | Web Site Design & Development

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## —SKILLS—
Java | C | HTML | CSS | JavaScript | Python

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## —RELEVANT WORK EXPERIENCE—
**Undergraduate Teaching Assistant at Pitt**                                       **Aug 2023- Present**
*For Discrete Structures for CS*
- ➢ Organize and lead a weekly recitation session to support a class of 28 students in understanding course materials. Specifically, topics such as Propositional Logic, Sets, Counting, Probability, and more.
- ➢ Hold regular office hours to provide additional one-on-one assistance and address problems.
- ➢ Demonstrate strong communication and teaching skills to help peers succeed academically.

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## —PROJECT EXPERIENCE—
**Java:** Virtual Memory Simulator
- ➢ Simulated Least Recently Used and Optimal Page Replacement Algorithms by reading traces of memory references that were generated by two processes while running on a 32-bit system.
- ➢ Successfully kept the program under project-specific time restraints by optimizing the algorithms with the use of data structures such as HashMaps and Linked Lists and good programming techniques.
- ➢ Skills used: Object Oriented Programming (OOP), Command-line Argument Handling, File Handling/ Parsing, Algorithm Implementation, HashMaps, Linked Lists, Priority Queues

**C:** Filesystem Simulator
- ➢ Implemented a custom filesystem using FUSE, a Linux kernel extension, featuring a two-level directory structure and indexed allocation strategy, via a single file representing a disk device.
- ➢ Skills used: Reading/Writing to Files, Memory Management, Indexing, Strings

**HTML/CSS:** Portfolio Website- https://scottschwartz342.github.io/
**JavaScript:** Calculator- https://scottschwartz342.github.io/calc/cindex.html

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## —LEADERSHIP/ COMMUNITY ENGAGEMENT—
**People Division for American Cancer Society on Campus at Pitt**              **Dec 2022- May 2023**
*Social Communications*
- ➢ Created engaging and visually appealing Instagram posts to convey information and messages to the public during the first year of the club being on campus.
- ➢ Utilized social media strategies to reach a wider audience and enhance public awareness.

**Executive Board for Sigma Alpha Mu Psi Chapter**                              **May 2022- May 2023**
*Chief Justice of Judicial Board*
- ➢ Actively participated in decision-making processes and operations to enhance the organization's success in promoting connections, philanthropy, and brotherhood.
- ➢ Conducted judicial/standards hearings, enforced disciplinary actions and sanctions when necessary.
- ➢ Collaborated with fellow fraternity leaders to create a positive and inclusive environment for all members.

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## —WORK EXPERIENCE—
**Security for Taylor Swift Concert** *Landmark Security*                               **June 2023**
**Target Employee** *Inbound Specialist*                                        **June 2022- August 2022**
**Long Island Junior Soccer Referee** *Grassroots Soccer Referee*              **April 2016- Nov 2020**