Josh Philip

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Education

University at Buffalo, State University of New York *August 2022 – Present*

Bachelor of Science, Major in Computer Science, Minor in Cybersecurity

Expected Graduation: May 2026

- GPA: 3.576
- **Coursework:** Object Oriented Programming, Data Structures and Algorithms, Computer Architecture, Linear Algebra, Unit/Performance Testing, Computer Security, Cybersecurity Ethics, Networking, Operating Systems, Software Engineering Concepts, Full Stack Web Development, Artificial Intelligence

Projects

- **GitGraph — Software Engineering Course Project**
  - Built a web and mobile application that takes a GitHub repository and creates a tree-like structure displaying each contributors' branches and commits in the form of nodes
  - Used **Ubuntu Linux** as the primary operating system for development and **MySQL** through **phpMyAdmin** to create and maintain a database that stores login credentials and user data.
  - Planned and completed the application under the guidelines of the Software Development Life Cycle (SDLC)

Work Experience

Undergraduate Math Tutor *Buffalo, NY*

University at Buffalo, SUNY *March 2023 – Present*

- Assisted students in college-level math with homework and concepts they struggle with
- Efficiently managed work commitments alongside academic responsibilities, demonstrating strong time management skills

Temporary Inventory Clerk *West Nyack, NY*

PDI Disposables Inc. *June 2023 – Aug 2023*

- Verified quantity of various disposables in sample boxes (roughly 3800 boxes)
- Inspected the quality compliance of all retains from 2020-2023
- Automated inventory management using Microsoft products
- Worked 40 hours per week

Skills

Languages: Python, Go, C, Java, Node.js, SQL, PHP

Security: Metasploit, Nmap, Wireshark, OpenSSL

Operating Systems: Linux (Kali, Ubuntu), MacOS, Windows

Other: Microsoft Office, Microsoft SQL Server, MySQL, Git, Docker, HTML, CSS, Problem Solving, Written Communication, Public Speaking