

# ASSAD BARI

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## EDUCATION

### University of Pittsburgh

B.S. Computer Science

Pittsburgh, PA

Expected graduation - Spring 2026

- **GPA:** 3.6 / 4.0
- **Relevant Courses:** Algorithms and Data Structures 1 & 2, Discrete Structures for Computer Science, Computer Organization & Assembly Language, Intro to Systems Software

## PROFESSIONAL EXPERIENCE

### Computer Science Teaching Assistant

University of Pittsburgh, School of Computing and Information

Pittsburgh, PA

August 2023 – Present

- Lead a recitation and provided office hours weekly to supplement course material taught by the professor
- Developed skills essential to promoting peer learning and engagement, interacting with 10-15 students weekly
- Engaged in professional communication with professors, managers, and peers

### Program Associate for Communication and Social Media

University of Pittsburgh Student Office of Sustainability

Pittsburgh, PA

August 2023 – Present

- Developed and maintained a website utilizing HTML, CSS, and JavaScript
- Created graphics to be shared on the office's social media accounts
- Answered queries posed by members of the club through our website and social media accounts

## PROJECTS & OUTSIDE EXPERIENCE

### Pharmacy Management System | Java, Swing, NetBeans

November 2023

- Developed a Java Swing application using NetBeans, featuring a secure login system and visually appealing splash form.
- Implemented modules for Medicine Management, User Management, and Billing, showcasing proficiency in Java, Swing, NetBeans, and database connectivity.
- Created a seamless and intuitive solution for pharmacy management, addressing user authentication, data manipulation, and diverse business logic requirements.

### Portfolio Website | HTML, CSS, JavaScript

September 2023

- Constructed a responsible portfolio website using HTML, CSS, and JavaScript
- Portfolio website displays an "about me" section, projects, experience, contact information, and my CV
- Ensured user-friendly navigation, optimal viewing across devices, and adherence to web development best practices, contributing to a cohesive and professional online presence.

### Stock Prediction Web Application | Python, Streamlit

November 2023

- Developed a Stock Trend Prediction Web App using Python and Streamlit for an intuitive user interface.
- Applied machine learning to analyze stock data, predict trends, and presented results through effective data visualization.
- Collaborated on deployment, ensuring code efficiency, modularity, and documenting features for seamless use in real-world scenarios.

## SKILLS

**Programming:** HTML, CSS, JavaScript, TypeScript, Java, Python

**Frameworks/Libraries:** JUnit, Express, React, Streamlit, Swing, NetBeans, Node, Git, GitHub

## ACTIVITIES & LEADERSHIP

### Minorities in Computer Science Club

Social Chair

Pittsburgh, PA

August 2023 – Present

### AQUARIUS (Asian Queer) Club

Media & PR Chair

Pittsburgh, PA

August 2022 – Present