Andrew ochs

Philadelphia, PA

570-640-2237 | [aochs1021@gmail.com](mailto:aochs1021@gmail.com)

[github.com/AndrewOchs](http://github.com/AndrewOchs)

# Technical Skills

**Languages**: Python, Java, JavaScript, C, C++, SQL, HTML, CSS

**Frameworks/Tools**: React, Git, AWS, Linux Command Line

**Data Tools**: MySQL, Excel, PyTest

# Education

***Temple University – Philadelphia, PA***

**Bachelor of Science in Computer Science**

Expected Graduation: Fall 2025

GPA: 3.5

**Relevant Coursework**

* Data Structures & Algorithms - *2023*
* Computational Statistics - *2024*
* Operating Systems - *2024*
* Software Design - *2025*

**Academic Projects**

**Temple University**

**Custom Command Line**: Developed a Unix-like shell supporting pipes, redirection, and background processes in C.

**Thread Synchronization**: Implemented multithreading and locking mechanisms to simulate concurrent programs.

**File Decompression**: Built a tool for decompressing files using FAT in C.

# Work Experience

***Website Developer – Tremont Borough***

Freelance | 2024 - Present

* Designed and developed a website for the Tremont, PA Borough using HTML and CSS - [tremontborough](http://tremontborough.org/).org
* Enhanced accessibility and responsive design for residents seeking community resources
* Maintains and updates content on an ongoing basis, including updating organization member information, meeting documentation, and general information

***Assistant Event Coordinator***

Freelance | 2022 – 2024

* Managed a small team (2-5 employees) to ensure the smooth execution of operations for several large-scale events
* Managed ticket-scanning software and door-entry operations

***Assistant Band Director***

Pine Grove Area High School |2021 - 2023

* Assisted students in learning music fundamentals and improving their skills
* Worked one-on-one with students, focusing on individualized development
* Specialized in percussion, managing, and mentoring the entire percussion section

# Certifications

**Google Certification in Data Analytics**

Coursera | 2023

* Gained hands-on experience with SQL and MySQL databases to query and manipulate datasets
* Utilized Excel for statistical analysis and data visualization