

## Education

**Drexel University**, *College of Computing & Informatics*  
Bachelor of Science in Software Engineering  
Cumulative GPA: 3.66

Philadelphia, PA  
Anticipated Graduation: June 2027  
Honors with minor in Data Science

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## Technical Skills

**Computer Languages:** C++, Python, Java, HTML, CSS, Javascript, SQL, C, PHP, Flask, Racket, Winwrap Basic  
**Software & Technical Skills:** Build Configuration Management, Linux, Visual Studio, Repository Management, PC Building, Bash, Windows, Google Workspace, Microsoft Office, Oracle

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## Technical Projects

### Esport Statistic Tracker

Product Manager

Philadelphia, PA  
August 2024 – Present

- Led development on statistical tracking for Drexel's League of Legends Esports team.
- Used Riot Games API to gather player and game data and then parsed for relevant player statistics.
- Used Google Sheets API to send parsed data into an easily accessible and readable format.

### TrackIt!

Product Manager

Philadelphia, PA  
January 2023 – May 2023

- Designed and created a website for video game statistical tracking, using multiple video game's companies' APIs to retrieve a user's in-game statistics from multiple games.
  - Worked as a Product Owner, working on both the front and back end sides of development and lead organization, structure, and presentation elements of the project.
  - Followed the Agile Design Methodology to manage tasks, plan sprints, present progress, and utilize feedback.
  - Used Flask to gather user input, send this information to the Python API code, and then send the resultant information back to the webpage.
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## Professional Experience

### FEMAP Developer

Siemens Simcenter FEMAP Team

Exton, PA  
April 2024 – September 2024

- Enhanced user experience through the development of new features and UI customization options including dark mode.
  - Optimized project build times through compiler option manipulation and created internal development tools in C++.
  - Developed customer API scripts using Winwrap Basic to solve various customer optimization and automation problems.
  - Managed customer interactions from Aerospace companies to properly distribute enhancement requests.
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## Relevant Coursework

Comp & Info Design I-III, Computer Programming I-II, Software Specification & Design I-II, Database Management Systems, Data Structures, Adv. Programming Tools & Techniques, Intro to Software Engineering, Mathematical Foundations in Computer Science, Statistics, Calculus I-III, Physics I-III, Systems Architecture, Software Architecture, Contrasts in AI, Astronomy

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## Campus Engagement

### Drexel Esports

League of Legends Varsity Captain

Philadelphia, PA  
September 2023 – Present

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## Awards

### Robert Gauntlett Memorial Award

I received this award for being a Marple Newtown High School student who was an active member of the community by volunteering and participating in events related to the community's local gymnasium called the Gauntlett Center.

June 2022

### Drexel Presidential Scholarship

This is the highest merit based scholarship at Drexel, and I received the scholarship and have continued to receive it for my strong academic performance.

December 2021 - Present