

EDUCATION

Bryn Mawr College

Bachelor of Computer Science - GPA: 3.67/4.0

Bryn Mawr, PA

Expected graduation May 2026

- **Coursework:** Systems Programming (Fall 2023), Algorithms (Spring 2024), Computer Organization (Spring 2024)

Haverford College

Haverford, PA

College Consortium with Bryn Mawr College

Current

- **Relevant Coursework:** Intro to Computer Science (Fall 2022), Intro Data Structures (Spring 2023), Discrete Mathematics (Spring 2023)

Skillsoft Digital Badges

- Google Professional Cloud Architect, AWS Cloud Practitioner 2022, Excel Associate 2019 (Certificate)

SKILLS

- **Programming Languages:** HTML, CSS, JavaScript, Java, C, PHP, Python, SQL, Ocaml
- **Frameworks & Tools:** jQuery, Spring, Angular, Git, Bitbucket, Camunda, Beeline, phpMyAdmin, MySQL
- **Knowledge:** Algorithms, Agile, Data Structures, Data Collection, UI/UX Design, Linux
- **Languages:** Spanish (Native), English (Second Language), Japanese (Intermediate)

LEADERSHIP EXPERIENCE

- **Spanish Teacher Assistant:** Curriculum development. Conducted Advanced Spanish classes. Assisted 25 students outside of class hours resulting in a 20% average grade improvement. Lead interactive tasks such as drills, dialogues, debates, and interviews to promote language proficiency
- **Custom Person (Dorm Leadership Team):** Provided guidance and mentorship to a group of 38 freshmen throughout their first year of college, fostering a supportive and inclusive community

EXPERIENCE

Teacher Assistant for Data Structure

Haverford, PA

Haverford College

Jan 2024 - Current

- Mentored and supported 47 students in understanding fundamental concepts of data structures and algorithms that relied on the use of Java.
- Guided students through weekly “TA” sessions clarifying doubts, and reinforcing learning objectives.
- Assisted the professor in grading assignments, hosted weekly office hours and supervised labs.

Jane Street

Manhattan, NY

IN-FOCUS program (Software Engineer Track)

Jan 2024 – Jan 2024

- Immersed in functional programming using OCaml, gaining hands-on experience with essential libraries and tools.
- Engaged in an electronic trading challenge, tackling real-life problems, understanding trading and quantitative trading intricacies, and collaborating with software engineering professionals.
- Implemented backend/UI components for a computer game and coded a program for simulated stock exchange trading.

CGI Inc.

Burlington, MA

Software Developer Intern

June 2023 – Aug 2023

- Applied full-stack programming skills for dynamic backend development in Java, JSON, and SQL, leveraging Angular for frontend. Demonstrated expertise in optimizing application efficiency with advanced frameworks.
- Designed and implemented an automation of data processing and report generation app, consolidating data from various sources into a centralized database.
- Utilized Git, Bitbucket, and Postman for version control and API testing, ensuring seamless integration.

PROJECTS

Voice Assistant, Self-Project ([see project here](#))

Summer 2023

- Created a Python-based voice command assistant with speech recognition libraries for hands-free functionality.
- Enhanced functionality and user experience by integrating AI technology and the ChatGPT API.
- Optimized task management and productivity through user-friendly features

Discord Chatbot, Self-project ([see project here](#))

Summer 2023

- Developed a chatbot with an advanced natural language processing (NLP) pipeline, initially using the powerful GPT-2 language model to provide contextually relevant responses in Discord discussions
- Upgraded the chatbot to utilize the cutting-edge GPT-3 language model, achieving human-like and contextually relevant responses, pushing the boundaries of AI technology