

Christo Polydorou

polydorouc@carleton.edu | [\(612\) 354-9987](tel:(612)354-9987) | christopolydorou.com | [linkedin](#) | [github](#)

EDUCATION

Carleton College

Northfield, MN

Bachelor of Arts in Computer Science / Minor in Theater Arts

Class of 2024

- Cumulative GPA: 3.63/4.0.
- Relevant Coursework: Data Structures, Algorithms, Software Design, Advanced Software Design, Computer Systems, Programming Languages, Parallel and Distributed Computing, Cryptography.
- Activities: D3 Men's Basketball, Hack4Impact, Student-Athlete Advisory Club, Athlete Investment Club.

University of Cambridge

Cambridge, England

History of Computing in England

June 2022 - August 2022

- Elected to participate in a Computer Science study abroad program taught by Carleton and Cambridge professors.
- Courses: Cryptography, History of Computing, History of WWII.

EXPERIENCE

Software Engineer Intern

Minneapolis, MN

Pearson Inc.

May 2023 - Present

- Developed API-integrated chatbot, streamlining exam scheduling using GPT-4 and NLP, promising substantial improvements in user efficiency from end to end.
- Engineered and executed a comprehensive sentiment analysis and feedback querying project utilizing OpenAI, LangChain, and Pandas on a dataset of over 20,000 user feedback comments.
- Engineered a prototype AI chatbot tailored for database querying, as part of Microsoft's AI Hackathon.

Backend Web Developer

Northfield, MN

Hack4Impact (Carleton College Chapter)

September 2023 - Present

- Collaborated with local non-profit organizations to develop mobile and web applications.
- Created AWS Lambda functions to connect mobile app to SQL databases for non-profit Isuroon, which is dedicated to supporting the health and well-being of Somali women in Minneapolis.

Software Development Intern

Minneapolis, MN

Stealth Startup

January 2023 - March 2023

- Developed and optimized a suite of CRUD screens using TypeScript React and MUI.
- Implemented robust user interface components, data fetching, form validations, and API integration.
- Collaborated with a cross-functional Agile team to deliver high quality software on time and within budget.

Course Staff

Northfield, MN

Carleton College

September 2022 - Present

- TA for CS.111: Intro to Computer Science. Held weekly review sessions and assisted the professor in class.
- Grader for CS.252: Algorithms. Evaluate and assess students' understanding of key algorithms.

SKILLS

- Python (LangChain, Flask, Pandas, NLTK), Java, C, HTML/CSS, Javascript, React, Scheme, SQL.
- Agile Development, Git, Microsoft Azure, AWS, Docker, Figma.

PROJECTS

Scheme Interpreter

- Engineered a C-based scheme interpreter, optimizing tokenization, parsing, and interpretation processes. ([github](#))

Disaster Tracker

- Architected and implemented a data-rich website using HTML, CSS, JavaScript, Flask, and SQL, empowering users to analyze and visualize historical natural disaster trends in the U.S. ([github](#))

Thread Pool

- Implemented a thread pool in C to manage work items, facilitate task execution, and handle synchronization and communication among threads. ([github](#))

Speech to Notion

- Created a customized program leveraging Notion's API and OpenAI's Whisper technology to automate the seamless conversion of audio files into fully formatted Notion pages and content.