Cory Pearl

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EDUCATION

Drexel University   Philadelphia, PA
Bachelor of Science in Computer Science   Anticipated: June 2030

COMPUTER SCIENCE PROJECTS   All on github (and more)

CodeSync: A collaborative, browser-based coding platform with real-time editing and execution
Cardiac Simulator: A simulation of the CARDIAC computer with a custom assembly language and documentation
GIG (GitHub Idea Generator): An AI tool that generates project ideas from a user's GitHub repositories

EXPERIENCE

B'nai Brith Youth Organization   Washington Metropolitan Area
Regional President   June 2024 to June 2025
- Led and collaborated with regional, national, and international youth leaders to coordinate programs and initiatives
- Worked closely with professional staff to oversee regional operations, strategic planning, and program execution
- Managed and guided a regional board, leading marketing, recruitment efforts, and large-scale programming initiatives

Camp Airy   Thurmont, MD
Camp Counselor/Lifeguard   June 2025 to August 2025
- Supervised campers 24/7, promoting teamwork, responsibility and fun
- Led activities and games, fostering creativity, engagement, and inclusion
- Ensured safety and responded to emergencies with vigilance, empathy, and quick decision-making

Arlington Public Schools   Arlington, VA
Lifeguard   October 2023 to June 2025
- Monitored pool areas to ensure swimmer safety and rule compliance
- Responded promptly to emergencies, providing first aid as needed
- Maintained clean, organized pool areas and communicated safety guidelines

Congregation Etz Hayim   Arlington, VA
Teaching Assistant   June 2021 to August 2023
- Assisted lead teachers with classroom instruction and activity preparation.
- Supported students individually and in small groups to reinforce lessons
- Helped manage classroom behavior and make kids feel saf

CERTIFICATIONS

Red Cross Lifeguard, Red Cross CPR/AED & First Aid, Mental Health First Aid

SKILLS

Software:
AWS, VERCEL, Figma, Fusion 360, Arduino, mysql, node.js

Programming Languages:
Python, Javascript, HTML/CSS, C, Swift, AArch64 Assembly, Arduino C++, SQL, Java, Shell

Hardware:
Arduino/Arduino Nano, ESP32, Raspberry Pi, DigiSpark, ATtiny85

LEADERSHIP, HONORS & SERVICE

- Philanthropy Chair, Alpha Epsilon Pi
- President, NRE: NoVA BBYO
- Jewish Enrichment, NRE: NoVA BBYO
- Patrol Leader, Boy Scouts of America
- Advanced Studies Diploma
- Member, National Honor Society
- 100+ Hours of Comunity Service

STUDENT ORGANIZATIONS

- Member, Drexel Rugby
- Member, Alpha Epsilon Pi

RELEVANT COURSEWORK

- Comp & Info Design I, II
- Intro to Computer Science
- Computer Programing I
- Multivariate Calculus
- Calculus II