
Education:

New York University, College of Arts and Sciences | New York, NY.**Aug. 2021 – Jun. 2025**

B.S. | Major: Computer Science, Minor: Philosophy | Major GPA: 3.85

- Relevant Coursework: Data Structures | Discrete Math | Calculus I/II | Basic Algorithms | Computer Systems Organization | Linear Algebra

Phoenix Country Day School | Paradise Valley, AZ**Sept. 2017 – Jun. 2021**

- 3.97/4.0 GPA
- Captain of Varsity E-Sports Team

Personal Projects (all on my Github):

Graph Networks: Unveiling Patterns from Paris to Westeros

- Leveraged graph theory and data analytics to create dynamic visualizations of the Paris subway system and character networks in Game of Thrones - revealing efficient pathways and network structures from train lines to lineage lines
- Program utilizes: numpy and pandas to handle large datasets efficiently, NetworkX for constructing and analyzing complex networks, Matplotlib for precise and comprehensive data visualization

RankMaster: Top 10 Rankings List Manager

- This dynamic and user interactive C project is capable of creating, managing, and storing personalized top 10 rankings in various user-specific categories in persistent memory
- Program utilizes: C as its foundation, File I/O to create, read, update, and delete files in persistent data storage, Data Parsing and Management techniques to efficiently handle/organize user input

Etch-a-Sketch

- This project showcases a custom-built Etch-A-Sketch web app, designed to demonstrate my foundational skills in web development; it emphasizes the use of core web technologies without reliance on external frameworks
- Program utilizes: Vanilla JavaScript, HTML, CSS

Experience:

Phoenix Country Day School Summer Programs | Paradise Valley, AZSummer Camp Robotics and Programming Instructor**Jun. – Aug. 2017 – 2021**

- Managed camp activities, leading classes of 20-30 students aged 12-14 in robotics and programming languages
- Organized meetings between counselors to build itineraries for campers
- Directed a team of 5 counselors to ensure efficacy and compliance
- Cultivated meaningful connections with campers, parents, and staff to create a safe and fun environment

Summer Camp Data Administrator**Jun. – Aug. 2019**

- Directed team of 6 in an administrative project compiling thousands of campers datapoints to streamline camp operations
- Experimented with alternative programs to improve data engineering beyond MS Excel's capabilities
- Drove relationship-building with parents and guardians in a client facing role

The Schmidt FamilyPart-Time Caregiver**Apr. 2017 – Aug. 2019**

- Supervised a team of 4 children ages 6-13.
- Ensured safety, compliance with client and CPS's guidelines, and optimized fun
- Exercised extensive patience and attention to detail on a daily basis to uphold premium levels of care for clients
- Ensured clear communication with clients to schedule and clear activities with all involved parties in a dynamic household

Technical Skills:

Coding Skills:

Java, C, Python, JavaScript, HTML, CSS, Bash, React, p5.js, Processing, Assembly, Node.js, numpy, pandas, NetworkX, Matplotlib, Scikit-Learn

Technologies:

Eclipse, Visual Studio Code, Git, GitHub, Linux, Vite

Languages:

English (Native) | French (Conversational)

Interests/Activities:

- Powerlifting: National Results – Ranked 11th Nationally (Benchpress)
- Competitive eSports: Valorant- Immortal; League of Legends- Diamond
- Interests: Reading | Cooking