Ariela Gettig

7199 Berkshire Hills Dr.   www.linkedin.com/in/ariela-gettig   301 Mennen Hall
Kirtland, OH, 44094   Ithaca, NY, 14853
Cell: (440) 367-8257   Email: aqg3@cornell.edu

OBJECTIVE

Computer science student with strong skills in critical thinking and communication seeking to gain experience in software development.

EDUCATION

Cornell University, College of Engineering, Ithaca, NY   **Expected May 2024**
Bachelor of Science, Computer Science
GPA: 3.6/4.0   Awards: Dean's List
Relevant Courses: Data Structures and Functional Programming, Object – Oriented Programming, Computer System Organization, Intermediate Design and Programming for Web, Discrete Structures

Kirtland High School, Kirtland, OH   **May 2020**
Awards: Summa Cum Laude, Top 1% of Graduating Class, National Honor Society, National AP Scholar with Distinction

RELEVANT EXPERIENCE

Society of Women Engineers, Cornell University, *SWE Webmaster*   **Dec. 2021 –Present**
- Update website with current events and recruitment
- Worked on designing and building new website with more interactivity

Square Fare, New York, NY, *Software Engineering Intern*   **Dec. 2021 – Jan. 2022**
- Expanded the Square Fare database containing restaurant information and menu items by 50% using REST APIs
- Increased productivity of data collection by converting heavily nested JSON files to CSV files
- Created a python script to transform restaurant dish data into specific categories and find the most popular dishes

ACADEMIC PROJECTS

The Game of Life, Cornell University   **Aug. – Dec 2021**
- Created the Game of Life board game in OCaml and enhanced the game by creating themes for players
- Designed the infrastructure of the game which runs the game in terminal

Shortest Coin Path Optimization Game, Cornell University   **Apr. – May 2021**
- Implemented game functions for a player to collect coins and reach the exit before running out of steps
- Optimized coin collection in game to increase the maximum score in the game by 50%

Chagrin Valley Conference Website, Kirtland High School   **Sept. – Dec. 2019**
- Built an adaptive, user-friendly website for my school's athletic conference using HTML, CSS, and Bootstrap
- Administered the website to include interactive team schedule finder for any school and sports team

LEADERSHIP EXPERIENCE

CS 3110 Functional Programming, Cornell University, *Teaching Assistant*   **Jan. 2022 – Present**
- Lead weekly discussion sections and helped students with lab questions
- Held office hours to help students with projects, assignments, and exam preparation
- Helped grade students' assignments fairly and in a timely manner

Kirtland Kiwanis Key Club, Kirtland High School, *Treasurer*   **Aug. 2018 – May 2020**
- Facilitated weekly meetings for executive board and monthly activities for 60+ members
- Collaborated with subcommittees to organize end of year festival that raised $2,000 for cancer research
- Organized bank accounts and budget for the club each year

Academic Challenge, Kirtland High School, *Team Captain*   **Sept. 2018 – Mar. 2020**
- Organized and ran meetings twice a week for all members
- Coordinated competition logistics and promoted the competition to parents, students, and faculty

SPECIALIZED SKILLS

Programming Languages: Java, JavaScript, OCaml, Python, CSS, HTML, MATLAB

Tools: ANSYS, ImageJ, Microsoft Office, Git

Communication and Leadership: active listening, interpersonal communication, resilient, flexible