

Iris Li

Cornell University, College of Engineering, Ithaca, NY
Bachelor of Science in Engineering, Computer Science, May 2023

52 Oak Street Needham, MA 02492
(617) 459-8223
icl5@cornell.edu

Summary

Independent thinker in pursuit of knowledge to improve healthcare and productivity. Quick learner able to adapt to the fast-paced field of tech. Diligent and goal-oriented with experience working with a team.

Education History

Needham High School '19 GPA: 4.81/5.0

Cornell University GPA: 3.287/4.0

Awards: Top 5% of Graduating Class, Rochester Institute of Technology Innovation and Creativity Award

Related Coursework: OOP and Data Structures, Multivariable Calculus for Engineers, Intro to Machine Learning, Physics I: Mechanics & Heat, Physics II: Electricity & Magnetism, Linear Algebra for Engineers, Discrete Structures

Professional Experience

Research Intern, Summer 2018

Northeastern Univ. Computer Systems Research Lab

- Created Python application for analysis and display of info parsed from stdout files to aid grad student with designing memory allocation optimization algorithms for Apache Spark

Vascular Biology Research Intern, Summer 2018

Chen Lab at Boston Children's Hospital

- Employed novel gene-manipulation technology on mice to investigate the protein epsin's role in angiogenesis and atherosclerosis

Code Sensei, Fall 2018 - Summer 2019

Code Ninjas Wellesley

- Encouraged youth interest in STEM and coding through mentorship in game development (Scratch, JavaScript)
- Collaborated with coworkers to expand branch operations to camps and workshops, drawing in 30+ new students

Campus Involvement

Cornell Chamber Orchestra, Violinist, Fall 2019- Present

Skills

Tools - Eclipse, Android Studio, JUnit Testing, Jupyter Notebook, Fusion 360, Godot

Programming Languages - Java, Python, HTML/CSS, JavaScript

Foreign Languages - Mandarin (proficient), French (intermediate)

Interests

Artificial Intelligence & Machine Learning; Health Tech & Wearables; Robotics

Leadership Experience

Project Manager, Software Manager, 2015 - 2019

Needham High Robotics Club

- Coordinated 20+ member team in construction and programming of robots for the First Tech Challenge, competing at the state level (Java)
- Held demos at multiple outreach events such as the Cambridge Science Festival and Boston Maker Faire

Related Experience

Member, Fall 2019 - Present

Creative Computing Club

- Develop a modularized Chrome extension of interactive web toys including a digital koi pond for attention refocusing (HTML/CSS, JavaScript)

3rd Place in MATLAB STEM Challenge, 2018 - 19

- Developed fitness tracker for tracking steps and punches with programming club (MATLAB)