

ALAN QI CHEN

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First year Computer Science and Engineering student seeking a fast-paced summer internship to further develop teamwork, communication, and problem-solving skills.

EDUCATION

THE OHIO STATE UNIVERSITY

MAY 2023 (EXPECTED)

Bachelor of Computer Science and Engineering with Honors

Fundamentals of Engineering Honors; Calculus III; Physics 1250

CARNEGIE MELLON UNIVERSITY

SUMMER II 2018

AP/EA Summer Program

Principles of Imperative Computation - A

SOLON HIGH SCHOOL

JUNE 2019

Diploma with Honors, May 2019 GPA 3.78/4.0

EXPERIENCE

KUMON OF SOLON // Instructor

SEPTEMBER 2018 – JULY 2019

Educated new math concepts in a clear and concise manner using the Kumon method so students are successful academically and remain returning customers. Rapidly changed roles to give help where it was needed the most.

CLEVELAND CLINIC // Visiting Researcher

JULY 2019 – AUGUST 2019

Aided researchers performing mice genotyping and followed precise instructions to conduct gel electrophoresis successfully.

SKILLS

Application Software: MATLAB

Programming Languages:

Intermediate – C/C++, Java, HTML, CSS

Novice – JavaScript, Python

SELECTED PROJECTS

HEALTHRY // healthry.appspot.com

Web app for a searchable catalogue of hospitals in the U.S., using the Google Maps API.
(HTML, CSS, JS, Flask)

TOONIFY // github.com/alanqchen/Toonify-App

Android app to apply a cartoon filter onto photos using OpenCV. Extension of C++ project which allows users apply the Sobel filter and more in the command line.
(Java, C++)

ACTIVITIES

Code 4 Community // Backend Team

August 2019 – Present

Developing web app for adolescents with mental health issues to view personalized resources and submit feedback to mental health researchers.

Code Space, vice-president

2015 – 2019

Assembled and presented lesson presentations to strengthen club member's skills in web development.

Hackathons: HackCWRU 6, OHI/O 2019