

ALAN QI CHEN

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EDUCATION

THE OHIO STATE UNIVERSITY

MAY 2023 (EXPECTED)

Bachelor of Computer Science and Engineering

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++, 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 // <https://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