

# 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](https://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](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