

# ALAN QI CHEN

(440) 622-4340 · chen.8943@osu.edu · aqchen.com · github.com/alanqchen · References upon request

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

## EDUCATION

### THE OHIO STATE UNIVERSITY

MAY 2023

- B.S. Computer Science and Engineering with Honors

GPA 4.0/4.0

**Relevant Coursework:** Calculus III, Principles of Imperative Computation (CMU), Software 1

**Technical Skills:** C/C++ (3 years), Java (3 years), HTML (2 years), CSS (2 years), JavaScript (2 years), Python (1 year), Go (1 year), Git, MATLAB, Android Studio

## EXPERIENCE

### KUMON OF SOLON, Instructor

SEPTEMBER 2018 – JULY 2019

- Educated new math concepts in a clear and concise manner using the Kumon method to be successful academically and remain returning customers.
- Rapidly changed roles to teach math subjects with high demand effectively.

## SELECTED PROJECTS

### BEAR POST, Personal Project // [github.com/alanqchen/Bear-Post](https://github.com/alanqchen/Bear-Post)

JANUARY 2020 – PRESENT

- Developed an API using **Go** to interact with a **PostgreSQL** database for a high-performance blog engine.
- Using **JavaScript** and **React** to create the frontend for a functional personal blog.

### HEALTHRY, Group Project // [github.com/alanqchen/healthry](https://github.com/alanqchen/healthry)

FEBRUARY 2019

- Used **python** and **Flask** to develop a web app with a partner that allows users to search and filter statistics of over 1.5 thousand hospitals in the U.S. with the Google Maps API providing location.

### TOONIFY, Personal Project // [github.com/alanqchen/Toonify-App](https://github.com/alanqchen/Toonify-App)

2018 – 2019

- Created an Android app using **Java** to apply a cartoon filter onto photos using the OpenCV library.
- Developed from a personal **C++** project which allows users to apply blur, painting, and edge filters in the command line.

## ACTIVITIES

### Code 4 Community, Backend Team

AUGUST 2019 – PRESENT

- Using **Node.js**, **MongoDB**, and **React** to develop a web app for OSU professors and mental health researchers which will allow adolescents with mental health issues to receive articles, activities, and surveys.
- Implemented API routes for user functionality such as registering and logging in.

### Code Space, Vice-President

2015 – 2019

- Assembled and presented lessons to weekly teach 10 club members web development skills in HTML, CSS, and JavaScript.

**Hackathons:** HackCWRU 6, OHI/O 2019

## HONORS/AWARDS

### Hack OHI/O Challenge Winner and Overall Finalist // [aqchen.pythonanywhere.com](https://aqchen.pythonanywhere.com)

NOVEMBER 2019

- Used **HTML**, **CSS**, **JavaScript**, and **python** to give students and parents a tool to receive personalized financial information on specific colleges to aid the college decision process.
- **Winner** of JPMorgan Chase's "Best FinTech for Good" Challenge out of 19 competing teams and overall **Finalist** out of over 700 attending students.

**Dean's List:** Autumn 2019

### Cleveland Coatings Society Scholarship

- 1 of 2 recipients of the CCS scholarship, judged in several categories.

### Maximus Scholarship

- Awarded for academic achievements, including top 3% of class rank