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

SKILLS

Application Software: MATLAB
Programming Languages:
      Intermediate – C/C++, Java, HTML, CSS.   **Novice** – JavaScript, Python

SELECTED PROJECTS

COLLEGE CHEQUE // aqchen.pythonanywhere.com   **NOVEMBER 2019 – PRESENT**
Winner of JPMorgan Chase's "Best FinTech for Good" Challenge for Hack OHI/O out of 19 competing teams.
Website to receive personalized financial information on specific colleges using the Common College Dataset.
(HTML, CSS, JS, Flask)

HEALTHRY // healthry.appspot.com   **FEBRUARY 2019**
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   **2018 - 2019**
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

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 in the Lerner Research Institute to perform mice genotyping and followed precise instructions
to conduct gel electrophoresis successfully.