

ALAN QI CHEN

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First year Computer Science and Engineering student seeking a fast-paced summer internship to further employ teamwork, communication, and problem-solving skills. Available summer 2020.

EDUCATION

THE OHIO STATE UNIVERSITY

- B.S. Computer Science and Engineering with Honors

MAY 2023

GPA 4.0/4.0

OLON HIGH SCHOOL

- Diploma with Honors, May 2019

JUNE 2019

GPA 3.78/4.0

SKILLS

Programming Languages: C/C++, Java, HTML, CSS, JavaScript, Python, Go

Frameworks: Bootstrap, jQuery, Node.js

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

SELECTED PROJECTS

COLLEGE CHEQUE // aqchen.pythonanywhere.com

NOVEMBER 2019

- Built a website to receive personalized financial information on specific colleges using the Common College Dataset
- Used **HTML**, **CSS**, and the **jQuery** framework to implement an interactive user-friendly interface
- Implemented backend routes and generation of charts using **python** and the **Flask** framework
- **Winner** of JPMorgan Chase's "Best FinTech for Good" Challenge for Hack OH/O out of 19 competing teams

HEALTHRY // https://github.com/alanqchen/healthry

FEBRUARY 2019

- Developed a web app for a searchable catalogue of hospitals in the U.S., using the Google Maps API with **python** and **Flask**

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

2018 - 2019

- Created an Android app using **Java** to apply a cartoon filter onto photos using the OpenCV library
- Built upon a **C++** project which allows users apply blur filters and more in the command line

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
- Utilizing Node.js, MongoDB, and React to develop a full technology stack application

Code Space, Vice-President

2015 – 2019

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

Hackathons: HackCWRU 6, OH/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 teach math subjects with high demand effectively

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