Kevin Chen

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EDUCATION

UNIVERSITY OF MICHIGAN

Bachelor of Science in Computer Science and Minor in Writing   *May 2023*

- **GPA:** 3.77/4.00
- **Honors/Awards:** LSA (College of Literature, Science, and the Arts) Honors Program
- **Course Highlights:** EECS 484: Database Management Systems, EECS 485: Web Systems, EECS 388: Computer Security, EECS 281: Data Structures and Algorithms

LEXINGTON HIGH SCHOOL, MA   *June 2019*

- **GPA:** 3.91/4.00
- **Honors/Awards:** Lexington High School Chapter of National Honors Society (2 years)
- **Course Highlights:** Introduction to Robotics and Engineering, AP Physics 1, Computer Programming in C++

CS RELATED EXPERIENCE

UNIVERSITY OF MICHIGAN   *Ann Arbor, MI*

EECS 183 Selected Tutor (Elementary Programming Concepts)   *Jan. 2020 - Present*

- Maintained and scheduled 2-3-hour weekly tutoring sessions and prepared material in advance based on student's topic of interest
- Coached students through multiple practice exams by encouraging different approaches and helped students achieve higher exam scores
- Sharpened technical skills by tracing code written by students and creating programming problems to test student's knowledge
- Collaborated with four new students each week in identifying personal areas of confusion, answering new questions, and tailoring tutoring sessions to match different thinking and learning styles

HACKATHON   *Ann Arbor, MI*

MHACKS Participant   *Oct. 2019*

- Collaborated together in a team of four to program, debug, and design a website to aid freshmen students in overcoming lonely and overwhelmed feelings through a gamified online experience: https://devpost.com/software/reconnect-dwjnzb
- Adapted and learned two new programming languages, CSS and HTML, within 36 hours to implement the website layout
- Initiated product idea and directed design process to incorporate different features into the online experience
- Applied public speaking skills by presenting website to four company judges as well as to fellow hackathon peers

LEADERSHIP EXPERIENCE

HACK BLUE   *Ann Arbor, MI*

Teacher   *Sep. 2020 - Present*

- Taught 6th-8th grade students Scratch each week and helped them persevere through coding challenges through patient encouragement
- Collaborated with two other teachers to manage the class and proposed and executed new ideas on how to best teach each week's lesson
- Revitalized student participation by generating excitement over each week's zoom lesson through conversations before class and in turn helped students feel more comfortable turning on their cameras and engaging with their peers

EXTRACURRICULAR ACTIVITIES

- **Hack Blue** (teaching computer science and technology concepts to 6th-8th grade students in Ypsilanti, MI) (since 2020)
- **Michigan Backpacking Club** (since 2020)
- **InterVarsity Christian Fellowship (**Administrator since 2021)
- **Intramural Competitive Soccer** (Team Captain since 2019)
- **Hip Hop Dance Club, Lexington High School** (Co-President) (founded club from 2018–2019)
- **Boys Varsity Soccer Team, Lexington High School (**Won 2016 MA State Championship) (3 years from 2016-2018)

SKILLS

- *Computer:* **C++, Python, C, HTML, CSS (proficient); Java, MATLAB, JavaScript, Perforce, XML, Flask (prior experience)**
- *Language:* **Proficient in Mandarin and Spanish**