

Wendy Chen

📍 Berkeley, CA ☎ 510-847-9618 ✉ wchen188@ucsc.edu

in linkedin.com/in/wendy-chenn/ 🐙 github.com/wendychen0 🌐 wendychen0.github.io

EDUCATION

University of California: Santa Cruz

B.S. Computer Science Game Design, *College of Engineering*

Relevant Coursework: Programming Abstractions in Python, Linear Algebra,

Data Structures and Algorithms, Applied Machine Learning

Cumulative GPA: 3.69

Oct 2020 - June 2024 (*expected*)

WORK EXPERIENCE

CITRIS Workforce Innovation Intern, Yanik Lab, Santa Cruz CA

July 2022 – Aug 2022

- Created 3D models of Interdigitated Electrode (IDE) sensor chips in AutoCAD
- Designed masks for fabricating gold and silver patterns on Si wafers using photolithography
- Attended weekly meetings to learn professionalism and skills in the workplace

Undergraduate Research Assistant, ASSIST Lab, Santa Cruz CA

Sept 2021 – June 2022

- Assisted to develop a VR game for children with CLP to build confidence and social skills
- Worked with 1 other member in Unity to build the Multiplayer VR portions of the game

LEADERSHIP EXPERIENCE

President, ACM-W, Santa Cruz CA

Sept 2021 – Present

- Leading weekly board meetings to plan and organize club events and workshops
- Presented to members on topics like writing a resume and HTML basics
- Raise funds to provide scholarships for members to attend the Grace Hopper Conference

Website Committee Head, Chinese Student Association, Santa Cruz CA

Dec 2020 – March 2021

- Lead a team of **10** members with 2 other heads through weekly meetings to build a first-ever website for the club using Javascript, HTML, and CSS

Facilitator, Girls Who Code, Albany CA

Sept 2019 - March 2020

- Encouraged and educated **25** middle school students to implement game projects coded with Scratch, Micro Bits, and HTML on a weekly basis
- Presented lectures on game development and Python
- Assisted students with debugging and code review

PROJECTS

Flashcard App, CodePath's Mobile Product Development course

Feb 2021 - April 2021

- Participated in a 10-Week course by CodePath and built a flashcard app using Java in Android Studio

PillBug GraceHacks Project, Santa Cruz CA

Oct 2020

- Collaborated with 3 team members in Repl.it to build a mobile healthcare app using Python and Kivy
- Reminds the user to take and refill their prescriptions through a series of customizable alerts

Autonomous Laser Battlebots, SWE High School Engineering Program, UC Berkeley

Feb 2019 – April 2019

- Collaborated with 2 team members to design and build an autonomous smart robot using Makeblock and Arduino that was put to the test against other robots
- Attended weekly UC Berkeley Engineering workshops as part of this selective program

EXTRACURRICULAR INVOLVEMENT AND SKILLS

Competitive Table Tennis Athlete June 2012 – June 2020

- Competed at the state, national, and international level for **8** years, winning 1 international and 5 national titles
- Collaborated with Fitbit and participated in company advertisements to promote their latest wearable product and technology

Professional and Student Affiliations: Society of Women Engineers, Girls Who Code College Loops, Association for Computing Machinery for Women, Google Developer Student Club, Alpha Phi Omega, Chinese Student Association

Experience in: Python, Java, JavaScript, HTML, CSS, Lua, Assembly, SketchUp, and AutoCAD