# Wendy Chen

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## EDUCATION

**University of California: Santa Cruz**
Cumulative GPA: 3.73
B.S. Computer Science Game Design, *College of Engineering*
Oct 2020 - June 2024 *(expected)*
Relevant Coursework: Programming Abstractions in Python, Linear Algebra,
Computer Systems and C Programming, Data Structures and Algorithms

## WORK EXPERIENCE

**CITRIS Workforce Innovation Intern,** Yanik Lab, Santa Cruz CA
July 2022 – Present
- Creating 3D models of Interdigited Electrode (IDE) sensor chips in AutoCAD
- Attending weekly meetings to learn professionalism and skills in the workplace
- Assigned readings to gain knowledge on the different sectors of emerging IT innovation

**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

**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, Chinese Student Association

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