

Daniel Yu

Senior college student who likes coding game mods to improve user experience. Currently taking classes on machine learning and artificial intelligence. Has 7 years of experience collaborating with a team to produce an autonomous and user-operated machine.

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PROJECTS and EXPERIENCE

Fullstack Web Development

- Made a website with multiple sections, using ReactJS
- Uses react routing, components, and onclick functions
- Made a useable browser calculator

Vtube Studio

- Applied twitch api with the app to change avatar parameters through channel points
- Working on changing lighting options to view avatar under different conditions

Cash Register Project

- Coded a cash register for a computer science class
- Was able to store items in a list and access the item properties to get their price, name, and quantity

BookBank

- Edited the api call to return a model in reverse order

Iron Panthers Robotics — *High School Robotics Team*

- Was part of an award-winning team that designed and built an autonomous and user-operated robot
- Coded the controller to operate the robot and its moving parts
- Collaborated with other programmers through Github to merge code and prevent conflicts
- Knew how to repair the robot in case it broke down

EDUCATION

University of California, Santa Barbara, Santa Barbara, CA — *Bachelor of Science: Mathematical Sciences*

GRADUATING JUNE 2022

SKILLS

Languages: Python, Java, C++, HTML/CSS

Libraries: NumPy, Matplotlib, SciPy

Tools: MS Excel, Github, Matlab

Hard Skills: Statistics, Linear Algebra, Calculus, Mathematical Analysis, Computer and Technology Knowledge, Data Analysis

Soft Skills: Problem Solving, Attention to Detail, Creativity, Communication, Time Management

INTERESTS

- Artificial Intelligence
- Machine Learning
- Virtual Reality
- New Technology
- Tennis

