BILL ZHANG

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EDUCATION

University of California, Santa Cruz   Santa Cruz, CA
Bachelor of Science in Computer Science *GPA: 3.62*   Sep 2020 - Expected Graduation Date: March 2023

WORK EXPERIENCE

X-Camp Academy   San Jose, CA
Teaching Assistant - 300 Course   September 2022 - Present
- Teaching important algorithms and data structures such as disjoint set union, prefix sums, binary search, and two pointer algorithms.

X-Camp Academy   San Jose, CA
Teaching Assistant - APCS A Summer Class   July 2022 - September 2022
- Taught summer class with the aim to help students pass the APCS A test. Hosted office hours to tutor struggling students. Helped multiple students who originally had no coding experience to achieve over 80% in APCA A mock exam

X-Camp Academy   San Jose, CA
Teaching Assistant - USACO Bootcamp   July 2022 - July 2022
- Taught coding bootcamp specializing in preparing students for the USA Coding Olympiad competition. Taught data structures and algorithms and helped student analyze time complexity to achieve competition requirements.

DreamMax   San Jose, CA
Tutor   September 2018 - May 2020
- Taught year-long English courses to groups of twenty 1st to 5th grade students. Worked with students to provide education support in the form of remedial lessons and homework help

SKILLS

Programming Languages:	C, C++, Java, Python, Dart, Javascript, Haskell
Frameworks:	React, NextJs, NodeJs, ExpressJS, Flask
Libraries:	Tensorflow, Keras, Numpy, Pandas, Scikit Learn, Socket.io
Other::	Firebase, Postgres, Agile/SCRUM, Git

PROJECTS

Tetris Duels *Javascript, ReactJs, ExpressJs, Hop.io*   https://tetrisduels.hop.sh/
Realtime multiplayer version of the retro game Tetris

MakeMeLunch *Firebase, NextJs, RapidApi, Axios, Javascript*   https://makemelunch.xyz/
Web App that recommends new recipes based on your current ingredients

Remote Trainer *Firebase, NextJs, RapidApi, Axios, Cloudflare*   https://remotetrainer.live/
Exercise/Body Tracker Web App

Paddy Disease Classification *Python, Keras, Tensorflow*
https://github.com/IdkwhatImD0ing/Kaggle/tree/main/Paddy
Machine Learning Model for classifying Paddy Diseases

Covinet *Flutter, Dart*   https://github.com/Arjun-Mishra-312/covinet
Community App for tracking covid cases at UCSC

PoolParty *React, ExpressJS, Hop.io*   https://github.com/IdkwhatImD0ing/PoolParty
Webapp for coordinating carpools with friends and family with the aim of reducing carbon footprint

AWARDS

Cruzhacks 2022 Winner   Cruzhacks 2022
Recognized for winning sponsor prize at Cruzhacks 2022   Jan 2022

Wildhacks 2 Winner   Major League Hacking
Recognized for winning second place at Wild Hacks 2   Aug 2022

PeddieHacks 2022 Winner   PeddieHacks 2022
Recognized for winning Innovation Prize College track at Peddiehacks 2022   Aug 2022

Gracehacks 2022 Winner   Gracehacks 2022
Recognized for winning best mobile app at GraceHacks 2022   November 2022