Darren Lin

darrenhlin02@gmail.com | San Jose, CA | Github | Website

EDUCATION

University of California, Santa Cruz   **Santa Cruz, CA**

Bachelor of Science: Computer Engineering | GPA: 3.75   *Graduation Date: June 2024*

Relevant Coursework: Data Structures and Algorithms, Assembly, C/C++ Programming, Programming Abstractions, Discrete Mathematics, Linear Algebra, Multivariable Calculus

SKILLS

- Programming Languages: Python, C/C++, Java, Ruby on Rails, Html, CSS, Javascript, Vue.js, Typescript, MIPs Assembly
- Tools: VSC, Git, WSL, make, Heroku

WORK EXPERIENCE

CDK Global - Roadster   June 2022 - Present

Software Development Intern   *San Jose, CA*

- Added the ability to invoice and refund payments using the Stripe API
- Developing payment system to enhance the dealer's and customer's experience

UCSC Computer Science & Engineering Department   March 2021 - June 2022

Course Reader | Applied Discrete Mathematics   *Santa Cruz, CA*

- Graded assignments on Canvas and Gradescope for 300+ students

Group Tutor | Computer Systems and Assembly Language

- Helped 250+ students debug their code/circuits in one on one zoom sessions 5 days a week
- Answered questions on the course's discussion posts on Piazza
- Tutored for Spring 2021 and Fall 2021

Kumon Math & Reading Center   August 2018 - July 2021

Reading & Writing Tutor   *San Jose, CA*

- Taught 30+ K-12 students by improving their reading and writing skills every Wednesday and Saturday for 4 hours
- Graded 100+ student's work and explained mistakes and grammatical errors

PROJECTS

Big Integer Solver

- Implemented Big Integer addition, subtraction, and multiplication using Doubly Linked Lists

BlackJack Game with GUI

- BlackJack game against a computer, with betting, standing, and hitting implemented using action listener buttons on an easy to use graphical user interface

Bracket Syntax Checker

- Determined if each open brace, bracket, and parenthesis had a corresponding closing brace, bracket, or parenthesis in a given text file

HONORS & AWARDS

Eagle Scout   April 2019