

# Darren Lin

[darrenhlin02@gmail.com](mailto:darrenhlin02@gmail.com) | San Jose, CA | [Website](#)

## EDUCATION

**University of California, Santa Cruz**

**June 2024**

*Bachelor of Science: Computer Engineering | GPA: 3.75/4.0*

*Santa Cruz, CA*

**Relevant Coursework:** Data Structures and Algorithms, Assembly, C/C++ Programming, Programming Abstractions, Applied Discrete Mathematics, Linear Algebra, Differential Equations, Multivariable Calculus, Computer Architecture, Logic Design

**Honors & Awards:** Eagle Scout (April 2019), Dean's List (2020-2022)

## SKILLS

Git, Python, C/C++, Java, Ruby on Rails, HTML, CSS, Javascript, Vue.js, Typescript, MIPs

## WORK EXPERIENCE

**CDK Global**

**Jun 2022 - August 2022**

*Software Development Intern*

*San Jose, CA*

- Programmed the ability to invoice “other” payments and refund any payment using the Stripe API on thousands of Roadster integrated dealerships
- Integrated “other” payments into the lead and activity flow for all Roadster integrated dealerships
- Maintained Shift Certification by porting code that sent LivePerson analytics for all live chat actions on all Roadster supported dealerships to Shift
- Developed an algorithm to auto-generate content security policies on page load for thousands of dealerships to improve security for Roadster payment slideouts
- Created a mobile application for Roadster’s dealer management website for company wide hackathon

**UCSC Computer Science & Engineering Department**

**Mar 2021 - Jun 2022**

*Course Reader | Applied Discrete Mathematics*

*Santa Cruz, CA*

- Graded 15+ assignments on Canvas and Gradescope for 300+ students

*Group Tutor | Computer Systems and Assembly Language*

- Debugged 250+ students code/circuits in 1 on 1 zoom calls 5 days a week for 3 hours
- Answered 50+ student questions on the course’s discussion posts on Piazza

**Kumon Math & Reading Center**

**Aug 2018 - Jul 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 basic big integer operations and solved problems using doubly linked lists under 5 seconds

**Sparse Matrices Solver**

- Implemented sparse matrix addition, subtraction, and multiplication and solved problems using linked lists under 1 second

**BlackJack Game with GUI**

- Developed betting, standing, and hitting using action listener buttons on a graphical user interface using the Swing Library