

# Darren Lin

[dlin52@ucsc.edu](mailto:dlin52@ucsc.edu) — (408) 838-8795 — San Jose — [Github](#) — [Website](#)

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## EDUCATION

### University of California, Santa Cruz

BS Computer Engineering

Oct 2020 - Jun 2024

Santa Cruz, CA

### Lynbrook High School

High School Diploma

Aug 2016 - Jun 2020

San Jose, CA

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## WORK EXPERIENCE

### Kumon Math and Reading Center

Teaching Assistant

Aug 2018 - Present

San Jose, CA

- Focused on helping students develop reading and writing skills
- Responsible for teaching students varying in grade level (K-12th)
- Graded student's work and explained mistakes and grammatical errors

### UCSC Computer Science and Engineering Dept

Group Tutor - Computer Systems and Assembly Language

Mar 2021 - Jun 2021

Santa Cruz, CA

- Guided students through fundamental topics in the course
  - Helped students debug their code/circuits in one on one zoom sessions
  - Answered questions on the course's discussion posts on Piazza
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## SKILLS

- Programming Languages: MIPS Assembly, Java, Python, C++
  - Tools: Eclipse, MARS, VSC, Xcode, Java Swing Library, Git
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## PROJECTS

### BlackJack Game with GUI

Tools Used: Eclipse, Java Swing Library

- Playable BlackJack game against a computer
- Developed algorithms for betting, standing, and hitting
- Designed a user friendly graphical user interface

### Bracket Syntax Checker

Tools Used: MARS, MIPS Assembly

- Read in strings from text files and stored all open braces, brackets, and parentheses on the stack
- Determined if all characters on the stack had a matching closing brace, bracket, or parenthesis in the text file

### Html & CSS Website (Hosted on Github)

Tools Used: Git, Html, CSS

- A personal website to display my resume and projects hosted on Github Pages
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## EXTRACURRICULAR ACHIEVEMENTS

Eagle Scout

Apr 2019