# Max Lin

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## Education

**University of California, Berkeley** Berkeley, CA

*B.A. Letters and Science, Computer Science* May 2021

- GPA: 3.61/4.0
- Relevant Coursework: • **(CS61a)** The Structure and Interpretation of Computer Programs • **(CS61b)** Data Structures and Algorithms • **(Math54)** Linear Algebra • **(Math 53)** Multivariable Calculus • **(EE16a)** Designing Information Devices and Systems I • **(Data8)** The Foundation of Data Science • **(CS70)** Discrete Math and Probability Theory • **(CS61c)** Great Ideas in Computer Architecture (Machine Structures) • **(Data100)** Principles and Techniques of Data Science
- Currently Enrolled: • **(CS170*)** Efficient Algorithms and Intractable Problems • **(EE16b*)** Designing Information Devices and Systems 2

**Hercules High School** Hercules, CA

*High School Diploma* June 2017

- GPA unweighted: 3.72/4.0

## Experience

**Data Structures and Algorithms - Academic Intern** June 2018 – Aug 2018

*CS61b Course Staff* Berkeley, CA

- Assisted in lab for 6 hours every week by: administrating quizzes; teaching concepts and helping students through lab work, homework, and projects. (Class covers Java, Data structures, graph and sorting algorithms)

**High School Robotics - Coding Lead** Sep 2016 – May 2017

*Robotics Club Member* Hercules, CA

- Primary coder for robotics competition (PiE, FIRST)
- Robots performed tasked such as picking up items, pushing buttons and balls, holding a basket

## Skills

**Programming Languages:** • Python • Java • C

- **Familiarity with:** • SQL • HTML • CSS • JavaScript

**Tools:** • IntelliJ • Pandas • Latex

**Languages:** English, Mandarin Chinese

## Projects

**World Gen** – Soda Hacks project

- Interactive 2D game where player action affects the environment

**Labyrinth Game** – CS61b Project

- Interactive game with randomly generated floors with randomly placed keys and an exit

**Minigames**

- Blackjack (Python), TapBPM (Java)

## Honors & Awards

HHS Badminton Captain Jan 2016 – May 2017

1st Place Pioneers in Engineering (PiE) High School Robotics Competition April 2017