

# Wilson Xie

(925)785-3549 - [wxie27@ucsc.edu](mailto:wxie27@ucsc.edu) - [wizwilzo.github.io](https://wizwilzo.github.io) - [github.com/wizwilzo](https://github.com/wizwilzo)

## EDUCATION

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### University of California, Santa Cruz

Santa Cruz, CA

GPA: 3.95/4.0

Sep 2023 - June 2026 (expected)

Relevant Courses: Computer Systems and C Programming (A+), Computer Systems and Assembly (A+), Applied Discrete Math (A+), Linear Algebra for Engineers (A+ top 1 out of 280), Programming Abstractions: Python

## TECHNICAL SKILLS

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**Programming Languages:** Python, C++, C, Java, Javascript

**Libraries and Tools:** Git, Flask, Google Colab, VSCode, Node.js, Matlab, Ruby, Go

## WORK EXPERIENCE

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### BinarySearch.com Problem Testing

*binarysearch.com (Leetcode competitor)*

October 2021 - May 2023

- Selected by Binarysearch.com admin for Java testing for new problems for 100,000+ users.
- Set a time limit for Java submission runtime, navigating difficulties with high-variance Java performance (compared to fast languages like C++) and testing extensively.
- Detect edge cases and contribute faulty and incomplete test cases.

### Solo Python Instructor

*Red Dragonfly Tutoring, Pleasanton, CA, USA*

June 2021 - August 2021

- Taught 8 students (grades 3-5) about Python basics (sets, maps, sorting algorithms, recursion).
- Developed entire 10wk curriculum and communicated with administrators and parents.

### Crew Member at Chipotle

*Chipotle, Koll Center Pkwy, Pleasanton, CA, USA*

June 2023 - September 2023

- Responsible for taking orders, preparing meals, packaging food items, cleaning, assisting in store opening and closing procedures, and processing customer transactions.

## PROJECTS

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- **Random Blog Post Generator**, Utilized the Google Blogger API to generate random blog posts for the 500+ posts on my personal blog, providing an elegant and interactive way for blog readers to explore posts. Deployed full-stack site via pythonanywhere. Added caching to drastically speed up calls. [wizwilzo.pythonanywhere.com/](https://wizwilzo.pythonanywhere.com/)

## AWARDS

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- ICPC 2023: Advanced to International Collegiate Programming Contest (ICPC) North American Championship 2024. Competing against 50 total top schools across the entire North American Continent.
- ICPC 2023: 5th best school out of 27 schools and 140+ teams, advancing to North American Championship. ICPC Pacific North West Regional 2023, including schools from California, Oregon, Washington, BC, and Hawaii
- Leetcode: Rank 30 out of 12,541 in Weekly Contest 232; Rank 47 out of 11,024 in Contest 267 [Handle: wizwilzo](#)
- Codeforces Rating: 1647 [Handle: wizwilzo](#)
- World Cube Association: 5x 1st place in Skewb (SacCubing XI, SacCubing XIV, Basc 31B, Berkeley Spring 2023, Cal Poly SLO Winter 2023). [WCA ID: 2017XIEW02](#)
- World Cube Association: Top 10 in 3x3 (Cal Poly SLO Winter 2023)