

# Ryan Zheng

925-201-9539 | [ryanzheng@nmokey.com](mailto:ryanzheng@nmokey.com) | [linkedin.com/in/nmokey](https://linkedin.com/in/nmokey) | [github.com/nmokey](https://github.com/nmokey)

## EDUCATION

**University of California, Los Angeles**  
*Bachelor of Science in Physics*

Los Angeles, CA  
Sep. 2024 – June 2028

## EXPERIENCE

**Generative AI Technical Advisor**

January 2025 – Present  
San Francisco, CA

*Scale AI*

- Contribute training data to state-of-the-art language models to improve STEM reasoning.

**Research Assistant**

June 2022 – July 2022  
Austin, TX

*University of Texas at Austin*

- Collaborated on a research study of the conterminous United States' travel patterns during the Covid-19 pandemic based on origin-destination data.
- Created lightweight and robust data aggregation tool using Java to process and reformat large datasets of national travel data, given a specified date range.
- Coaduthor on research paper accepted to *COTA International Conference of Transportation Professionals and CICTP2024 Conference Proceeding*.

## PROJECTS

**Amador Valley Hovergames Team** | *Adafruit Blinka, PX4 QGroundControl*

Nov. 2022 - Mar. 2023

- Served as software lead on a project submitted to 2023 NXP Hovergames Competition.
- Used exclusive drone and sensor hardware received from NXP Semiconductors to develop a quadcopter to improve soil arability, by taking soil samples and distributing fertilizer as needed.

**Clocked In (Ludum Dare 56 Game Jam)** | *Godot, GDScript, Photoshop, Garageband*

Oct. 2024

- Served as project lead and lead programmer for a student developer team on a 72-hour game jam, hosted by UCLA ACM Studio.
- Received favorable category ratings, as high as top 6% in the nation.
- Implemented continuous delivery using TravisCI to build the plugin upon new a release
- Collaborated with Minecraft server administrators to suggest features and get feedback about the plugin

## AWARDS

USA Physics Olympiad Qualifier	2023
President's Volunteer Service Award Gold	2023
Scholastic Art & Writing Awards Silver Key	2023
Woody Herman Jazz Award	2024

## TECHNICAL SKILLS

**Languages:** Java, Python, C/C++, SQL, HTML/CSS, R

**Frameworks:** PyTorch, React, Jekyll

**Developer Tools:** Git, VS Code, XCode, Jupyter, Godot