Franklin Liu

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Experience

funimuni
May 2022 - Present
> Created a webapp to visualize data about money in politics, in order to improve political transparency, with an emphasis on environmental issues. Used data analytics tools (DuckDB database, SQL, pandas, Plotly.js), Python web frameworks (FastAPI) and frontend technologies (Bulma CSS framework, HTMX). In talks with Stanford and Harvard clubs for mentorship.

Competitive Math
November 2018 - Present
> Competed in mathematics competitions such as American Math Competition (AMC), Math League, Stanford Math Tournament. Qualified for AIME (American Invitational Mathematics Exam), and in Math League scored #2 sophomore and #4 overall

ssg.py
February 2022 - March 2022
> Used advanced Python features such as sets and regular expressions to build a static site generator

VEX Robotics Competition
February 2022 - April 2023

- Competed on State Championship qualifying teams 5327C and 5327Z
- Wrote C++ code, documentation

Education

Dublin High School *Graduation Candidate 2025*
Dublin, CA
August 2021 to present day

> Relevant Courses: AP Calculus AB, Honors Chemistry, AP Computer Science Principles

Skills

Fluent in English, proficient Spanish, proficient Mandarin

Linux system administration, advanced Python programming, data analytics, database architecture, frontend development (HTML/CSS), Java, C++, C, Clojure, Hy

creative writing, problem solving and active listening skills

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Awards

Scored a 5 on the AP Computer Science A Exam in freshman year, USACO Silver, President's Volunteer Service Silver Award, Scholastic Art and Writing Silver Key, self-published children's novel, Honor Roll (2018-2020)