

Franklin Liu

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Experience **funimuni**

May 2022 - present day

Created a webapp to visualize campaign finance data, in order to improve political transparency, using data analytics tools (DuckDB database, SQL, pandas, Plotly.js), Python web frameworks (FastAPI) and frontend technologies (Bulma CSS framework, HTMX)

Competitive Math

2019 - present day

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 *Competitor*

Dublin, CA

February 2022 - April 2023

Competed on State Championship qualifying team 5327Z. I programmed in C++ using the PROS library and wrote documentation for team 5327C, which won Create Award at the State Championship

Education **Dublin High School** *Graduation Candidate 2025*

Dublin, CA

August 2021 to present day

Currently enrolled in College prep courses, in Advanced English 2, AP Calculus AB, Honors Chemistry, AP Computer Science Principles and Two Dimensional Design

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

Awards

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