

# JUSTIN JIANG

213-994-1612 | [justinjiang641@gmail.com](mailto:justinjiang641@gmail.com) | [linkedin.com/in/justinjiang37](https://www.linkedin.com/in/justinjiang37) | [github.com/justinjiang37](https://github.com/justinjiang37) | [jiangjustin.com](http://jiangjustin.com)

## EDUCATION

**University of Southern California** • USC Presidential Scholar | Dean's List Los Angeles, CA, USA  
Bachelor of Science, Computer Engineering and Computer Science | Minor: Business Finance Expected: May 2027

- GPA: 3.90 / 4.00
- Relevant Coursework: Data Structures and Object Oriented Programming, Software Engineering, Discrete Methods, Linear Algebra, Probability Theory, Calculus I–III, Embedded Systems, Internet of Things, Tradings and Exchanges

## PROJECTS AND WORK EXPERIENCE

**Deloitte Discovery I Internship** Los Angeles, CA, USA  
Tech Profile Intern June 2025 – August 2025

- Analyzed tech stacks of financial M&A targets, evaluating scalability and integration feasibility in a 10-person team
- Developed AI-driven workflow automation proposal for a nonprofit, with cost-saving projections and API integration plan
- Presented solutions to Deloitte managers and client executives, improving donor outreach and family support matching

**BREW – LA Hacks 2025 Winner** Los Angeles, CA, USA  
Full Stack Developer April 2025

- Built an agentic software tool to fully automate sending cold outreach messages and emails. [See our Demo](#)
- Developed frontend and backend logic using Clado API, Google Gemini LLM API, and Stagehand

**TempoRun – HackSC 2024 Winner** Los Angeles, CA, USA  
Full Stack Developer November 2024

- Built Swift-based frontend enabling users to input music preferences and pacing data for curated workout playlists
- Integrated Spotify API using Node.js to automate the addition of personalized playlists directly into users' libraries

**Yale Astrophysics Research** New Haven, CT, USA  
Student Researcher June 2023 – October 2023

- Processed luminosity data with NumPy/Matplotlib, fitting 7 standard light curve models to classify SN 2023mnc as Type Iax
- Collected observational data covering phases -4 to +15 days, supporting progenitor modeling and nickel mass estimation
- Co-authored publication on supernovae classification findings in *Astrophysics and Space Sciences* peer-reviewed journal
- Research DOI: [doi.org/10.1007/s10509-023-04250-x](https://doi.org/10.1007/s10509-023-04250-x)

**USC Makers** Los Angeles, CA, USA  
Embedded Software Engineer September 2024 – Present

- Engineered a mechanical-powered pad that converts energy in foot traffic into storable electrical power (Fa24: Power Path)
- Built a pool table system predicting ball trajectories from cue input, showcasing real-time computer vision (Sp25: ATE Ball)

**Canadian Satellite Competition (CanSat)** Drumheller, Alberta, Canada  
Engineering Lead December 2022 – March 2023

- Engineered a soda can sized satellite capable of real-time air-to-ground atmospheric data transmission
- Soldered Arduino Nano with sensors and radio modules, collecting 126 data points across 6 variables to assess habitability

## LEADERSHIP AND ACTIVITIES

**Private Pilot License** Vancouver, BC, Canada  
Private Pilot August 2023 – August 2024

- Earned Private Pilot License in Cessna-172, 87.9 hours flown; youngest finalist of COPA Neil Armstrong \$14K scholarship

**Pacific Sea Wolves Swim Club** Vancouver, BC, Canada  
Provincial-Level Swimmer / Coach September 2015 – June 2024

- Coached and mentored 30+ young swimmers, leading them to 3 new club records while competing provincially for 8 years

## SKILLS AND AWARDS

**Technical Skills:** Python, C#, Java, C++, Swift, SQL, Bash, XCode, Linux, Git, Docker, Fusion 360, Unity, Deep Learning

**Frameworks and Libraries:** NumPy, Matplotlib, SvelteKit, React, MongoDB, NestJS, Node.js, Jupyter Notebook

**Awards:** Canadian Computing Contest Honor Roll, COPA Neil Armstrong Scholarship (2nd Place), AP Scholar with Distinction