

William Li

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Education

Georgia Institute of Technology – Atlanta, GA

Candidate for Bachelor of Science in Computer Science

Aug 2023 – Dec 2026

- Faculty Honors (4.0 gpa) and Dean's List
- Seal of Biliteracy
- International Seals Diploma

Experience / Projects

China Panda – Manager

Aug 2019 – Present

- Facilitate logistics such as POS systems, security hardware/software, financial transactions and applications (i.e. PPP loans)
- Perform outreach to promote company

WanderBot – Duo Project (Hacklytics 2024)

Feb 2024

- Utilized a Language Model and Generative AI (backend) to create travel planner
- Incorporated StreamLit Library as Frontend (Python)

Configuration Checks – Sole

Jan 2024 – Present

- Associated flight sequences to active hardware configurations on rocket avionics using Rust

Weather App – Sole

Dec 2023

- Developed live weather app using an API (Python – StreamLit Library)

RASAero Backend Template – Sole

Oct 2023

- Created a template file for a rocket program that simplifies a team's tree data structure (Python)

Wolfenstein 3D Rendering – Worked with Teacher

Apr 2023

- Programmed a 3D perspective from a 2D map utilizing raycasting (Python)

Skills / Classes

Classes: Object-Oriented Programming (Java), Linear Algebra, Discrete Math

Programming: ROS (beginner), Python (intermediate), JavaScript (CSS + HTML) (beginner), Rust, Java

Concepts: Machine-Shop Training, Object-Oriented Programming (Python), Web Development (JS, Canva, Piskel), Data Analysis, Calculus

Language: Mandarin (intermediate), Spanish (intermediate), English (native)

Communication: Experience speaking in crowd of 2000+, Written Math Model Analysis (M3Challenge), Grant Writing

Clubs: Ramblin' Rocket Club, Marine Robotics Group, YJ Space Program

Leadership

National Spanish Honor Society – President

Aug 2021 – May 2023

- Partnered internationally and raised \$5000+ for Guatemalan artisans
- Lead Spanish immersion campaigns for local elementary and middle schools