

James Lin

Student • NYC • jamesalin.com

+1 (917) 359 4189

56jameslin@gmail.com

github.com/jameslinimk

Intro

Hello, my name is James! I've been coding for five years and specialize in back-end programming, while I'm also capable of front-end development. I'm a high school freshman seeking for summer programs to gain real-world experience.

I'm on the varsity wrestling team, love to play video games, and a scuba Masterdiver. I've fell in love with coding since the age of 9, and am always eager to learn and program new things!

Languages & Skills

- **Rust**
- **Typescript**
 - OOP principles
- **HTML, CSS, and JS**
 - SvelteKit, React and Vue
 - Tailwind
 - HTTP/HTTPS & DNS
- **NodeJS**
- **Git**
- **Python**
 - Numpy
- **Kotlin & Java**
- **SQL**
- I love tackling large coding and math problems, finding the solution rewarding
- I'm always out to learn new things or improve what I already know
- I like to work with others and collaborate
- I handle multiple tasks with time management and prioritization

Education

Horace Mann

Class of 2026

Russian School of Mathematics

Pre-calculus honors & Trigonometry honors

Veritas AI - A mentorship program

I learned:

- Data structures
- Informed and uninformed tree searches
- Application to real-world projects
- Machine learning & Reinforcement learning

Highlight of my projects

Portfolio

- Full stack web application written in SvelteKit
- Hosted on an AWS EC2 instance
- Uses Three.js, Tailwind and Typescript

Chess AI

- Fully written in Rust, targeting both Native and WASM
- Game logic, agent, and GUI all fully written and documented
- The agent uses an iterative deepening alpha-beta minimax search as well as other optimizations to search a tree of possible moves