






# David Shan

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## Experience

### Clado (YC X25)

Chief Technology Officer  
North York

#### March 2025 - Present

- Developed a state-of-the-art people search engine
- Trained in-house small language models for domain specific language generation as well as profile judging
- Received 2.2M in total funding
- Built a tool that is used by recruiting and sales teams at Cognition, Greylock, Turing, and Mercor

### Kellis Lab @ MIT Computer Science & Artificial Intelligence Laboratory

Core Engineer & Leadership Team @ MANTIS  
Cambridge, Massachusetts

#### December 2024 - March 2025

- Implementing agentic workflow to MANTIS via websockets and langgraph
- Helping onboard MIT UROP (undergraduate research opportunity program) students to MANTIS
- Creating general features like voice recognition and performing bug fixes like repairing broken pytests

### Geotab

Software Developer Intern  
Oakville, Canada

#### June 2023 - August 2023 & June 2024 - August 2024

- Developed React App to validate JSON compliance data through Puppeteer and Jest to support the product team in helping customers
- Implemented Web Workers and Indexed Database in Typescript to thread logging to decrease CPU consumption
- Streamlined developer process by migrating QUnit tests to jest, added stricter type checking and fixed failing Selenium tests

## Awards

### FRC Championships Division Finalist

First Robotics Competition  
March 2023

Placed within the **top 2% of 3,286** teams

### Big Data Challenge Winner

STEM Fellowship  
January 2024

Winner of **\$1000** through a wildfire prediction system based on raster data

### Coyote's Lair Funding

Coyote's Lair  
June 2024

Funded for **\$3,000** to build a health monitor

### 2 Time AIME Qualifer

Mathematical Association of America  
November 2023

Qualified for AIME in both Grades 10 and 11 doing both AMC 10 and AMC 12 with scores **105 and 100.5**

### USACO Gold Division

USACO  
January 2023

Top **25% of all 4408** participants in the USACO Silver Division Contest