

# David Shan

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## ◦ Awards ◦

Fellow

Telora

May 2024

Funded for **25 thousand dollars** to build a startup in Miami.

**FRC Championships Division Finalist**

First Robotics Competition

March 2023

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

**CAYPT Gold Medalist**

STEM Fellowship

March 2024

Built Rigid Ramp Walker and Ruler Trick Simulation using Mujoco and 4th-Degree Runge Kutta's method

**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 thousand dollars** to build a watch for families with elderly to have peace of mind.

**2 Time AIME Qualifier**

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

## Profiles

●  [David Shan](#)

●  [DavidBShan](#)

●  [David S.](#)

●  [David Shan](#)

## Summary

● Hey! I am David, a high school student who is passionate about constantly working, building, shipping, and iterating projects. I am currently learning about AI and software development at Geotab and exploring the world's biggest problems through working on a startup funded by Telora.

## Experience

### ● Geotab

Software Developer Intern

Oakville, Canada

**June 2023 - August 2023**

Built React App to turn JSON data into ETHOS Data, then implemented browserless and unit testing to validate JSON Data that is accessible and used by **over 500 employees**. Wrote unit tests for features implemented into the codebase.

### ● Aceflow

Head of Backend Development

Toronto, Ontario

**September 2023 - January 2024**

Built quiz generator app based on PDF data. Advised by Stanford University's Director of Digital Learning Solutions. **2,000+ sign-ups** and a revenue-generating beta. **\$150k+ credit grant** from Microsoft, Ingenious+ innovation award, and funded by Emergent Ventures.

### ● FRC Team 610

Head of Programming & Technician

Toronto, Ontario

**September 2023 - Present**

In charge of the workflow for all of the **14 Team 610 programmers**. Designed the project management framework for Team 610 and oversaw the development of all programming sectors.

## Education

### ● Crescent School

4.0 GPA

High School

**September 2021 - Present**

Current Grade 12 student at Crescent School. Project Manager of the Big Data Challenge Team, Head of Data Science Club, Head of CS Club, Head of Math Club, Math Team Member, Technician and Head of Programming on FRC Team 610, Varsity Ultimate Frisbee, Varsity Cross-Country