

Kyle Folmar

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EDUCATION

Calvary Chapel, Santa Ana

Expected Graduation: 2027

- Honor Roll student (2023-present)
- Active member of school space program - developed team management, collaboration, and problem-solving skills.
- Member of Varsity Trap Team and Wrestling Team.

PROJECTS

Graphene Flash-Joule Heating

- Along with team, designed and built a small capsule to experiment with Flash-Joule Heating and sent it to ISS (International Space Station)

Algae Growth Chamber

- Sent a capsule with a growth solution and recording system to ISS

Custom Moddable Autonomous Drone

- Personally built autonomous drone at home using modern 3D printing techniques.

SKILLS

3D printing

CAD design

Raspberry Pi & Arduino
Programming

Technical troubleshooting

Project management

Team leadership

Research

Problem solving

AWARDS

Honor Role 2024

Placed in NSTEM science fair

Life Scout in BSA

LANGUAGES

English

Spanish (Basic - currently
studying)