FOOTHILL COLLEGE
SCIENCE LEARNING INSTITUTE

SLI STEM INTERNSHIPS
Armada Aeronautics Internship

A V A I L A B L E   I M M E D I A T E L Y

Through the Science Learning institute (SLI), 8-10 Foothill College students have an opportunity to participate in real hands-on experience in an upcoming trillion dollar industry - flying vehicles - at Armada Aeronautics, a startup funded by tier-1 Silicon Valley VCs.

Dates: internship available immediately, commitment of 3 month minimum

Four Internship Positions Available (note that skills listed below each position are required for the position)

- Electrical Engineering
  - Soldering
  - Circuit Board diagram reading
  - Circuit Board diagram design
- Mechanical Engineering
  - Solidworks
  - Techshop skills
  - CAD
- Firmware Software Engineering
  - Experience with drones, preferably Pixhawk
  - Firmware scripting, Drivers (modification), hardware SDK, STM32 Bootloader
  - Knowledge of C/C++ or Python
- Aeronautics Software Engineering
  - Software: XFLR, any of ab-initio software package like Ansys. Solidworks
  - Airplane or drone piloting experience
  - Understanding of principles of CFD

Internship commitment:

- Spring ITRN 50 or 51 course (tuition covered)
- SLI internship orientation and subsequent check ins with SLI director.
- Part-time - minimum 10 hours/ week but will most likely be more. Flexibility with scheduling.
- Required in-person presence for the internship at Santa Clara or San Mateo location.

To apply:

- Need to be a Foothill College student (more units at Foothill than at DeAnza).
- Were a full time student (at least 12 units) in fall of 2020 at Foothill College.
- Process
  a. Fill out SLI application (skills inventory + resume).
  b. Vetted by SLI and Armada and invited for 30 minute technical interview with Armada.
  c. If accepted for hire by Armada, then you may be eligible for a stipend if you demonstrate financial need. This requires an application through Foothill's scholarship portal.

This is an unpaid internship. You may be eligible for a $2,000 stipend if you demonstrate financial need through a second application with Foothill's Scholarship Office. This stipend will cover the minimum 3 month term.

Deadline to apply: Rolling, looking to fill immediately

For more information, contact sli@foothill.edu