



Ampaire
Project Manager - Flight Demonstration
Summer Internship

About Elemental Excelsator

[Elemental Excelsator](#) helps startups change the world, one community at a time. Each year, we find 15-20 companies that best fit our mission and fund each company up to \$1 million to improve systems that impact people's lives: energy, mobility, water, agriculture and beyond. To date, we have awarded more than \$30 million to 80+ portfolio companies and funded more than 50 demonstration projects alongside our portfolio companies and local businesses.

In addition to funding startups, we have also supported more than 25 interns and fellows since 2012 to help the next generation of innovators grow and succeed. Ampaire is a part of our seventh cohort and we will be funding this internship position.

About Ampaire

[Ampaire](#) is a tech startup based in California that is leading the charge in electric aviation. The company is on a mission to provide the world with all-electric powered commercial flights that are affordable, quiet, and environmentally conscious. Ampaire is building the future of air travel, reimagining the way we fly, and are innovating at the intersection of new technology in aerospace and electric vehicles.

Ampaire's home-base at the Los Angeles Cleantech Incubator, in the heart of the LA Arts District. As part of Starburst, the world's top aerospace accelerator, we have access to an international support network. The company has won multiple international awards as a Top Aerospace Startup (Hello Tomorrow, Paris), Top Electrification Startup (New Mobility Challenge, Los Angeles), and IEEE N3XT Stars. It has also been featured in Aviation Week for our creative business approach. Ampaire's talented team brings a diverse background from top institutions including: Caltech, Stanford, Penn, USC, Northrop Grumman, SpaceX, Virgin Orbit, GE, ABB, and Faraday Future.

Scope of Work

Ampaire is looking for a Project Manager - Flight Demonstration with a background in Aeronautical, Mechanical, or Electrical Engineering to assist in its day-to-day management of their Elemental Excelsator demonstration project. Generally, this position will be responsible for project management, data analysis, and engineering design work. The fellow will be mentored by

experienced professionals in aircraft design and project management. This will be a very fast-paced position supported by a collaborative team.

Ampaire's summer intern position will work on two primary responsibilities:

1. Project Management
 - Build a detailed project plan by phase/milestone
 - Communicate project status to stakeholders
 - Manage vendors / partners for aircraft maintenance and operation
2. Data Gathering and Analysis
 - Help design tests to measure key performance metrics
 - Fuel / energy Usage
 - Noise Reduction
 - Analyze data gathered and build impactful reports and data visualization
 - Work with Mokulele Airlines to identify and document requirements and design change requests
3. Other duties as assigned
 - Handle budget management and communication with vendors related to procurement
 - Potential to attend conferences and events on Ampaire's behalf
 - Attend meetings with vendors, stakeholders, and other interested parties

Internship Details

- Compensation: \$15.00 per hour
- Duration: June 10, 2019 - August 5, 2019 (minimum 8 weeks)
- Hours: up to 40 hours per week
- Location: Oahu

Required and Preferred Qualifications

- Enrolled or graduated from an undergraduate or graduate program, or technical program related to engineering
- Available for the duration of the internship from June 10, 2019 - August 5, 2019
- Fluency with Microsoft Suite required; experience building impactful reports
- Experience with data analysis
- Team approach and innovative spirit, and be willing to engage in a broad range of activities and experiences
- Ability to self-direct and work independently and know when to ask for help
- Interest and passion for aviation and/or transportation sustainability
- Able to learn quickly and follow directions
- Highly organized with attention for detail
- Preferred

- Project management experience oriented towards aerospace systems
- A genuine interest in working in aviation or electric vehicles
- Experience that includes working with or testing electric vehicles (of any kind)

How to Apply

Please provide a cover letter and resume into one pdf document and email to hello@elementalexcelerator.com with the subject title: AMPAIRE - Project Manager Flight Demonstration Intern.

Ampaire is an Equal Opportunity Employer (EOE) and committed to building a more inclusive ecosystem that integrates women, people of color, and other underrepresented groups into the cleantech sector and aerospace industry. We strongly encourage applications from qualified applicants and members of underrepresented groups.