

Kevin I. Alvarado

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Objective

To obtain a position that will increase my experience, knowledge, and subsequent skills

Education

B.S. Aeronautical Engineering | Clarkson University

Potsdam, NY

Honors Program, Junior; GPA 3.9

May 2022

Presidential Scholar List, (> 3.8 GPA) 3 Semesters

Dean's List, (>3.5) 1 Semester

Aviation Maintenance Technology | Aviation High School

Long Island City, NY

Licensed Aircraft Maintenance Technician in Airframe and Powerplant

July 11, 2018

Graduated High School, GPA 97

June 28, 2017

Work Experience

General Electric Aviation | Engineering Student Co-op

Cincinnati, OH

LEAP Engine Product Support Engineering

August 2019 – December 2019

Analyzed engine deterioration data to determine trends for varying environments and airlines

Categorized and cataloged various types of fuel nozzle deterioration

Presented observations made to engineering leads throughout the company

Acted as a liaison for different groups within the engineering department

Projects

Douglas SBD-1 Dauntless Structural Analysis | Clarkson University

Potsdam, NY

Performed beam bending and multi-cell analysis of the wing during a dive

August 2020 – November 2020

Determined the buckling limits of the wing skin and structure

Constructed 3-D models of the wing and vertical stabilizer

Contacted the Flying Leatherneck Aviation Museum at San Diego to report the findings for their airplane

Activities & Organizations

Concrete Canoe Speed Team

Potsdam, NY

Constructed concrete canoe that satisfied requirements and restrictions imposed

September 2018 – Present

Participated in the competition between the different northeastern universities at RIT

Honors Program || Peer Mentor

Potsdam, NY

Assisting and guiding a sophomore mentee assigned by the honors program to me

August 2019 – Present

Discussed leadership roles, position and responsibilities to the newer students within the program

Relevant Skills

Vocational Work

September 2013-June 2018

Went to a vocational school specialized in aircraft maintenance for 5 years with hands-on experience.

Attended classes related to sheet-metal, wood, electricity, aircraft systems, and engine systems.

Computer Programs

MATLAB

Solid Works

Microsoft Excel

Bilingual

Fluent in both English and Spanish