

Permanent Address
27400 South West 164th court
Homestead, FL 33031

Education

South Dade Senior High School (August 2012 - June 2016); Homestead, FL; Honors Graduate; GPA 3.817
Florida Atlantic University (June 2016-Present); Boca Raton, Florida; Mechanical Engineering Major; Junior

Current Credit Hours 79.000

- Full-time student, living on campus

Current Classes

- Computational Applications 2 (MATLAB)
- Probability and Statistics
- Machine Design 1
- Electro-Mechanical Devices
- World Geography

Work Experience

4 Year Automotive Program in South Dade Senior High School (program functions as an auto shop and charges markup on parts but not labor)

- ASE recognizes 4 years of automotive program to equal 1 year of work experience in the automotive industry
- I am comfortable working with others
- Confident on using laser alignment machine and drive on lift
- Confident performing brake jobs on any automobile
- Countless routine maintenance jobs
- I possess a good understanding of the various systems on a modern automobile as well as a good understanding of vehicle dynamics from a plethora of books and a vast amount of hands on experience working on cars both at FSAE and South Dade Senior High School automotive program.

1 Year Tutoring Math

- Further enhanced my patience and communications skills
- Increased confidence in my computational abilities
- Strong background in mathematics

Summer Internship at Silver Wings Aerospace

- Made drawings for upwards of 60 tools to be approved for equivalence by the FAA
- Dimension checked and modeled a remanufactured part using Excel and Solidworks. (This work was to be sent to a Designated Engineering Representative for the FAA)
- Designed multiple toolings for various airplane units (Units were mostly hydraulic)
- Received training from the repair station regarding suspected unapproved parts (SUP) and safety
- Gained experience working under the guidance of a machinist and milled air craft units

Extracurricular Activities

FSAE Club

- Building a new car from scratch annually to compete in an international event
- Suspension Lead Engineer (In charge of designing and building OR18 suspension system)
- Participated from June 2016 - May 2018

Marine Robotics Club

- In charge of the mechanical aspects of the sub for robot x and sobo sub competition
- Understand vehicle dynamics well of a submarine
- Participated from August 2018 - present

Restore and Work on Cars

- Perpetually Tinkering
- 2 Engine swaps on 1972 nova and 84 camaro and other work
- Rebuilt dirt bike
- Various other small jobs in the field of automotive

Raiders JROTC Program

- Participated in grade 10
- Improved physical fitness

BMX/Motocross

- BMX from age 12-16
- Rank #1 Summer Series Rookie Year 2010
- Rode motocross for fun but never raced

Awards/Certificates

Completion of SP/2 - Auto Mechanics Safety Course; Awarded in grade 9

American Red Cross 2 year certification - Lifeguard, First Aid, CPR and AED; Awarded in grade 11 Expired at the end of grade 12

Automotive Service Technology Citizenship Award - Award given due to workmanship, and exceptional GPA in SDSH Auto Shop