

Brian Arndt
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Education:

University of Central Florida 12/2019
Orlando, FL
B.S. Aerospace Engineering
B.S. Mechanical Engineering

Valencia College 08/2016
Orlando, FL
A.A. Engineering

Mid Florida Tech 05/2009
Orlando, FL
Automotive mechanic

Relevant Experience:

- Used XFLR5 and XFOIL to analyze airfoils and wings
- Used MatLab to analyze piezoelectric diodes in an energy harvester
- Certified SolidWorks Associate
- Was the Project Manager and Lead Design Engineer for Combined Loading Machine and Micro UAV projects which included the use of SolidWorks and ANSYS

Work History:

UCF 05/2017-Present
Orlando, FL
Tutor, Work Study, Peer Mentor

- Answer customer questions and requests over the phone and in person about Degree and VA education programs
- Completed tasks for supervisors using Microsoft office programs
- Assist students with planning their schedules
- Tutored small groups of students in the subject of Thermodynamics
- Was entrusted with people's personal information

Valencia College 01/2016-08/2017
Orlando, FL
Supplemental Instruction Leader

- Attended class with students and took notes for the professor to share with the class
- Tutored groups of 10-15 students in the subject of college algebra
- Used a messaging app to help students outside of work hours

Melrose Management 05/2012-10/2012
Orlando, FL
Maintenance Technician

- Repaired, replaced and painted; walls, furniture and light fixtures
- Worked with electrical wiring in walls and electronic items

United States Marine Corps Reserves 06/2010-01/2014
Motor Transport Operator

- Performed and led maintenance inspections on vehicles and trailers and wrote repair orders
- Responsible for assisting with leadership for subordinates
- Responsible for organizing day to day schedule
- Responsible for about \$500,000 of equipment.

Volunteer Work:

- Habitat for Humanity Orlando, FL
- Give Kids the World Orlando, FL

Organizations:

American Institute of Aerospace and Aeronautics (National)
Florida Engineers Society (Valencia College)
Student Veterans of America (Valencia College, UCF)- Most active member award (UCF, Fall 2017), Social Media Officer (UCF, 2018-2019)
Knights For Initiatives in Robotics Student Teaching (FIRST) (UCF)- Treasurer, Starting officer (2018-2019)