

# First Name Last Name

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386-555-1234

**Objective** To obtain an internship or co-op in the mechanical engineering field

**Education** Embry-Riddle Aeronautical University (ERAU) Daytona Beach, FL  
**Bachelor of Science, Mechanical Engineering** December 2019  
Minor: Mathematics GPA: 2.8/4.0  
Concentrations: High Performance Vehicles, Robotics

*Relevant Coursework:* Robotics, Vehicle Design and Aerodynamics, Control Systems, Materials w/ Lab, Dynamics, Modeling and Numerical Simulation, Electrical Engineering w/ Lab, Statics, Solids, Fluids, Physics I-III w/ Lab, Diff. Equations, Advanced Eng. Mathematics

**Project Experience** **SAE, Formula Hybrid Team:** Suspension Group Lead, 2011 team  
Designed the energy-absorbing impact attenuator. Presented sales pitch at competition (3<sup>rd</sup> place). Helped with the fabrication, maintenance, and assembly of the vehicle. Took 1<sup>st</sup> place nationally and 2<sup>nd</sup> overall.

**MATLAB Project, Robotic Manipulation Analysis:** Individual project  
Wrote programs for robotic arms up to six degrees of freedom that calculated the position of the tool given rotation matrix, or that would derive the rotation matrix given the desired position and restrictions of the robotic arms.

**AUVSI International Aerial Robotics Competition, Unmanned Helicopter:** Member, 8-person team  
Worked on the autopilot programming and modification, as well as the digital signal processing of the helicopter's "eye". Helped with the fabrication, maintenance, and assembly of the helicopter.

**Work Experience** Embry-Riddle Aeronautical University Daytona Beach, FL  
**Supplemental Instructor, Physical Sciences** Jan 2016-Present

- Facilitate extra help sessions in Physics I & II

**Peer Mentor, First Year Programs** Sept 2016-Present

- Assist University 101 instructors and present various class information
- Plan teaching schedule with instructor
- Act as mentor/role-model to incoming freshmen

Pediatric Orthopedic & Scoliosis Associates Annandale, VA  
**Administrative Assistant and Receptionist** Summer 2015

- Scheduled 80+ patient appointments daily
- Completed data entry into Medical Manager and organized patient information
- Multi-tasked to respond to phones, patients' questions, and associates' needs

**Skills** *Design:* CATIA v5  
*Software:* Microsoft Word, Excel, PowerPoint, Publisher; Bloodshed Dev-C++  
*Programming Languages:* MATLAB, C, Java  
*Languages:* Spanish (fluent)

**Leadership & Activities** Member, American Society of Mechanical Engineers  
Member, Formula Hybrid Team, Society of Automotive Engineers  
Vice President, Society of Physics Students  
Treasurer, ERAU Resident Student Association