



ARIEL L. GUTIERREZ

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CAREER FOCUS

Obtain a position that will provide a great experience in engineering & drafting to benefit mutual growth and success.

EDUCATION

Bachelor of Science, Expected Graduation: Fall 2018

University of Florida, Gainesville, Florida

Major: Mechanical Engineering

Associate in Arts, Summa Cum Laude, April 2016

Miami Dade Honors College, Miami, Florida

Major: Mechanical Engineering, GPA:4.00

CERTIFICATIONS

Adobe Certified Associate: Dreamweaver, Photoshop

OCP A-D including Senior Web Designer & Information Technology

TECHNICAL PROFICIENCY

Drafting and Rendering: SolidWorks, Autodesk Inventor, SketchUp, KeyShot, and Kerkythea

Coding Languages & Software: C++, MATLAB, Arduino, HTML, PHP, CSS

Graphic & Web: Photoshop, Dreamweaver, Illustrator, Fireworks, InDesign and WordPress (CMS)

Computational Software: Wolfram Mathematica

O.S. & Office Suite: Mac and Windows & Microsoft Office 2011, Typing 90 wpm

WORK EXPERIENCE

Drone Instructor, May-July, 2016

Robotics Camp, Miami Dade College

- Taught students how to program in Arduino and operate DJI drones and CoDrones.

Mechanical Engineer, January-June 2016

ZuidWesterSloep, Amsterdam, Netherlands

- Developed 3D models of a 9-meter electric boat concept.

Quantum Computing Intern, June - September 2015

Summer Nanotechnology Research, St. Thomas University

- Created a mathematical model of the quantum bits using Josephson Junction differential equation and observed possible applications to computer and aerospace industry (e.g. F-35).

Automotive concept designer & engineer, January- March 2015

Local Motors-Open source vehicle development, Online based.

- Designed lithium powered & lightweight vehicle concept. This challenge was sponsored by ARPA-E.

ACTIVITIES

Vice-President of Finance, April 2015- April 2016

Mathematics Club, Miami Dade College

- Participated in the 2015 & 2016 Mathematics Olympics at University of North Florida.

CONFERENCES

- United Nations 7th Millennium Conference – Sustainable Development Goals, New York.
- The Washington Center Seminar – Politics and Media, Washington D.C.
- 2015 STEM Research Symposium, Miami Dade College.

LANGUAGES

- Bilingual - Fluent in English and Spanish

AWARDS

- U.S. President's Volunteer Service Award-2015
- Pearson Inaugural Scholar-2015
- Honors College Fellows Award-2014
- All-Florida Academic First Team-2016
- 2nd Place Aeromodelism Race-2007
- Charlie Luciano Math Award-2010
- Graphic Design Award-2012
- Web Design Award-2013

