**Alex Alumni**

Orlando, Florida 407-555-5555 AlexAlumni @yahoo.com LinkedIn URL

**Mechanical engineering**

Motivated and detail-oriented recent mechanical engineering graduate with a hands-on approach to tackling projects and accomplishing goals. Fluent in several different design applications, including AutoCAD and SolidWorks. Familiar with CNC machining, injection molding, and 3D printing.

**SKILLS**

Languages: C/C++, Java

Data Analysis: Python, SQL, Excel

Software: MATLAB, AutoCAD, Fusion 360, SolidWorks, Ansys Fluent

Additional: Problem-Solving & Critical Thinking, Teamwork, Read & Analyze Technical Drawings, Coding

**EDUCATION**

**Bachelor of Science in Mechanical Engineering-** May 2021

Accumulated GPA: 3.7 / 4.0

University of Central Florida- Orlando, Florida

**Relevant Coursework:** *Design and Analysis of Machine Components, Fluid Mechanic, Solid Mechanic, Thermodynamic, Heat Transfer, CAD/CAM, Intro to C, Object-Oriented Programming.*

**Relevant projects**

**UCF SENIOR DESIGN PROJECT** January 2021-May 2021

UCF College of Engineering and Computer Science; Orlando, FL

* Partnered with a team of 5 engineers to design the first affordable, innovative irrigation system implementing the Venturi effect and micro-dosing method to minimize environmental impacts. The new design product promises $1 million in sales when introduced to the market.
* Interacted with different manufacturing processes and applications, including SolidWorks, Ansys Fluent, CNC machining, and 3D printing to build prototypes and run simulations.
* Utilized LabVIEW and post-processing software to collect data and perform low-pass/high-pass filtering.
* Performed data analysis and conducted modeling using MATLAB.

**WORK EXPERIENCE**

**INTERN** July 2020-May 2021

Lockheed Martin; Orlando, FL

* Provided administrative support to a Coordinator of engineering and design
* Assisted with team building and staff morale activities, visitors, and client events.
* Prepared presentations and meeting materials
* Coordinated daily administrative office procedures and strategic contract planning.

**HONORS/VOLUNTEER EXPERIENCE**

**Tau Beta Pi**- Engineering Honor Society August 2019-May 2020

**Ambassador,** UCF Orientation May 2019-August 2019

* Greeted and escorted incoming students and parents to various campus destinations.
* Familiarized guests with all campus life services, offices, and classroom buildings to provide optimum customer service.