

## Anthony M. Frazier

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### Objective

Highly motivated and studious college senior working towards a B.S. in Computer Engineering at the University of Maryland, College Park. I aim to utilize my knowledge of computer science and electrical engineering in order to fulfill your expectations of me during this internship at your company.

### Education

University of Maryland, College Park  
B.S. Computer Engineering

**Expected Graduation Date:** December 2020

**GPA:** 3.13/4.00

**A James Clark School of Engineering Dean's List:** Fall 2017, Spring 2020

**Relevant Coursework:** Electric Circuits, Elements of Discrete Signal Analysis, Digital Logic Design, Digital Computer Design, Organization of Programming Languages, Advanced Data Structures, Operating Systems, Microprocessors

### Skills and Abilities

- Skilled at programming in Java, MATLAB, and C++, Ruby, OCaml, and Python.
- Familiarity with Git-based repositories for uploading both personal and academic projects.
- Experience designing microwave filters in Keysight's GENESYS RF/Microwave Design Software.
- Understanding of the Verilog hardware description language.
- Over 135 hours of laboratory experience utilizing oscilloscopes, signal generators, and both discrete and digital circuit components.
- Experience writing software and general computing in a Linux operating system environment.
- Proficient in Microsoft Office applications and Autodesk Inventor.
- Basic familiarity with HTML and CSS for web development.
- Experience working with STM32L476 Discovery microprocessor interfacing with GPIO ports, USART input and output, and interrupt handling.

### Work Experience

**Leonardo DRS: Airborne Intelligence Systems**

June 3 – August 8, 2019

*RF Engineering Intern*

- Compiled and analyzed data for a microwave tuner to ensure that customers understood how certain units performed in certain frequency bands.
- Tested a microwave tuner over temperature allowing engineering staff to evaluate how the tuner performs from -40°C to +70°C.
- Designed and optimized a microwave filter to ensure proper passband response and out of band rejection as specified by a customer.
- Worked with four engineers on staff, assisting them with manufacturing documents and circuit rework documents.