

# Anthony M. Frazier

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## Objective

*Highly motivated, team-oriented graduate of ABET-accredited engineering program seeking an entry-level computer engineering position.*

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## Education

**Bachelor of Science in Computer Engineering**, University of Maryland, College Park (2020)

**GPA:** 3.13/4.00

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

**Relevant Coursework:** Digital Logic Design, Digital Computer Design, Organization of Programming Languages, Advanced Data Structures, Operating Systems, Microprocessors, Reverse Engineering and Hardware Security, Cryptography

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## Skills and Technical Experience

- Familiarity with Git-based repositories for uploading both personal and academic projects.
  - Background in writing software and general computing in a Linux operating system environment.
  - Adept at programming in object-oriented languages such as Java and C.
  - Proficient in reverse-engineering x86 binaries using the NSA's Ghidra reverse-engineering tool and IDA Interactive Disassembler.
  - Understanding of software communicating with several microprocessors interfacing with GPIO ports, USART input and output, and interrupt handling.
  - Some expertise implementing user authentication through Amazon Cognito offered on Amazon Web Services
  - Skilled in development of web applications using the Express Javascript web application framework and user interfaces written in the React Javascript library.
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## Industry 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.
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