

# Felipe Diaz

SOFTWARE DEVELOPER

8310 Miner Street, Greenbelt, Maryland, 20770

☎ (443) 808-6033 | ✉ fdiaz1500@gmail.com

## Summary

Current Software Engineer at Collins Aerospace with 7+ years experience specializing in the backend development, infrastructure automation, and computer hacking/security. Passionate about engineering ease of use and reducing friction in tech integration. Super nerd who loves Vim, Linux and OS X and enjoys to customize all of the development environment. Interested in devising a better problem-solving method for challenging tasks, and learning new technologies and tools if the need arises.

## Skills

<b>Programming</b>	Python, C, Java, JavaScript
<b>Databases</b>	SQLite, PostgreSQL, MySQL
<b>DevOps</b>	Ansible, Vagrant, Docker, AWS
<b>Back-end</b>	REST API, Django, Flask, JSON
<b>Front-end</b>	HTML5, React, SASS, JSON

## Experience

### Collins Aerospace

Annapolis, MD

SOFTWARE ENGINEER

Sep. 2018 - Current

- Provide RHEL OS upgrades and apply security hardening standards according to CIS benchmarks.
- Developed a highly-secure Python application that enables bidirectional exchange of data between the aircraft and ground operations, including aircraft maintenance and performance data.
- Develop and deliver core modules and other subsystem flight software in Python per design documents.

### Percival Engineering

Ellicott City, MD

SOFTWARE DEVELOPER

Nov. 2016 - Apr. 2018

- Developed security analysis tools using Python
- Focused on building user/business facing applications and feature development in a scalable software team setting.
- Defined and documented bug fixes and other test activities

### U.S. Army

Fort Meade, MD

CYBER OPERATIONS SPECIALIST (17-C)

Nov. 2013 - Sep. 2017

- Developed software capabilities for offensive cyber operations, vulnerability assessments and penetration testing using manual testing techniques, scripts, commercial and open source tools.
- Troubleshoot and debug networks, systems, and applications to identify vulnerabilities and other operational defects.

## Education

### Georgia Institute of Technology

Atlanta, GA

M.S. IN COMPUTER SCIENCE

May. 2022

- Operating Systems, Computer Networks, Software Development Process

### Keller Graduate School of Management

Arlington, VA

MASTER OF INFORMATION SYSTEMS MANAGEMENT

2015

- Database Concepts, Networking and Security, Systems Analysis

### The College at Brockport

Brockport, NY

B.S. IN BUSINESS MARKETING

2010

- Business Accounting, Intermediate Statistics, Marketing Research

## Honors & Awards

2015 **Finalist**, NSA's Jr. Military Performer of the Quarter

Fort Meade, MD

2014 **Honor Graduate**, U.S. Army's Joint Cyber Analysis Course

Pensacola, FL