

Felipe Diaz

SOFTWARE DEVELOPER

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Summary

Current Software Engineer at Collins Aerospace. 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

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

Experience

Collins Aerospace

Annapolis, MD

SOFTWARE ENGINEER

Sep. 2018 - Current

- Develop and deliver core modules and other subsystem flight software in Python per design documents.
- Provisioned an easily manageable hybrid infrastructure(Amazon AWS + On-premise) utilizing IaC(Infrastructure as Code) tools like Ansible, Vcenter and Vagrant.
- Focused on building user/business facing applications and feature development in a scalable software team setting.

Percival Engineering

Ellicott City, MD

SOFTWARE DEVELOPER

Nov. 2016 - Apr. 2018

- Developed security analysis tools using Python
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- Defined and documented bug fixes and other test activities

U.S. Army

Fort Meade, MD

CYBER OPERATIONS SPECIALIST (17-C)

Nov. 2013 - Sep. 2017

- Researched classification algorithms(SVM, CNN) to improve accuracy of human exercise recognition with wearable device.
- Developed two TIZEN applications to collect sample data set and to recognize user exercise on SAMSUNG Gear S.

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