Felipe **Diaz**

SOFTWARE DEVELOPER

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Summary

Current Software Engineer at Collins Aerospace with 7+ years experience specializing in back-end development, infrastructure automation, and computer security. Passionate about software engineering and computer science; a Linux aficionado who loves learning about systems and combing through documentation.

Skills

Programming	Python, C/C++, JavaScript, PHP
Databases	SQLite, PostgreSQL, MySQL
DevOps	Ansible, Vagrant, Docker, AWS
Back end	REST API, Django, Flask, JSON
Front end	HTML5, React, CSS

Experience

Collins Aerospace   *Annapolis, MD*

SOFTWARE ENGINEER   *Sep. 2018 - Present*

- Developed and fielded a highly-secure Python application that enables a bidirectional exchange of data between aircraft and ground operations, including aircraft maintenance and performance data.
- Documented and demonstrated solutions by developing system design documentation, interface control documents, diagrams and user guides along with commented and clear code.
- Designed, developed, tested and deployed core software modules and subsystem flight applications per design documents and sequence diagrams.
- Prepared and installed software virtualization solutions by determining system design specifications and programming standards.

Bonzi   *Seattle, WA*

LEAD DEVELOPER   *Apr. 2018 - Sep. 2018*

- Responsible for design, development, and deployment of web projects for a job recruiting platform.
- Created software development lifecycle methods for development, staging, and production code workflows.

Percival Engineering   *Ellicott City, MD*

SOFTWARE DEVELOPER   *Nov. 2016 - Apr. 2018*

- Conducted system analysis to discover vulnerabilities in software applications.
- Responsible for the development and testing of SCADA software.
- Engaged in bi-weekly agile sprints with an eight-person team.

U.S. Army   *Fort Meade, MD*

CYBER OPERATIONS SPECIALIST (17-C) - SECURITY CLEARANCE: TS/SCI   *Nov. 2013 - Nov. 2017*

- Developed software capabilities for offensive cyber operations, vulnerability assessments and penetration testing using manual testing techniques, scripts, commercial and open source tools.
- Troubleshot and debugged networks, systems, and applications to identify vulnerabilities and other operational defects.
- Provided feasibility analysis, requirements development, and solution design for computer network operations.

Education

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 Gradudate**, U.S. Army's Joint Cyber Analysis Course		*Pensacola, FL*