

# Ryan Cruz

SYSTEMS ENGINEER · CYBERSECURITY

Dallas, Texas

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## Experience

### Southwest Airlines

Dallas, Texas

CYBERSECURITY - ASSOCIATE SYSTEMS ENGINEER

August 2018 -

- Identity and Access Management Engineering Operations team member providing support for internal customers with managing access, implementing new systems, and creating solutions for day-to-day incidents
- Technologies/Tools involved include: SAML/OAuth, PAM, F5 APM, eDirectory & AD, Identity Governance and more.

### Equifax

Alpharetta, Georgia

IT ASSET MANAGEMENT - INTERN

August 2017 - May 2018

- Developed a program to teach an existing software library qualitative information about unrecognized software installed on 50,000 company assets managed by the IT Asset Management team.
- Acted as project manager for this engineering capstone project at the University of Georgia.

### Apple

Athens, Georgia

MAC+ TECHNICAL ADVISOR

September 2016 - May 2018

- Provided technical support for all iOS, watchOS, and macOS devices and related hardware, software and accessories.
- Solved identity and access incidents related to user Apple ID, iCloud, and iTunes accounts.

### INP North America

Alpharetta, Georgia

IT INTERN

August 2013 - August 2014

- Served as an apprentice to the IT department and provided local and remote tier-1 tech support for office IT infrastructure and employee assets.
- Automated common employee Microsoft Office tasks in VisualBasic, specifically Excel and PowerPoint.

## Projects

### Toy Processor

Athens, Georgia

UNIVERSITY OF GEORGIA

August 2017 - May 2018

- Designed a simple processor in Verilog using the Xilinx ISE Design Suite. The processor was loaded onto a Basys2 FPGA board and could accept any custom machine code given by the user.

### Micro Quadcopter

Athens, Georgia

UNIVERSITY OF GEORGIA

January 2017 - May 2017

- Built a tiny (3.25in<sup>2</sup>) quadcopter drone with wireless remote control, video, and wireless first person view capabilities for ENGR 3270 (Electronics) course.

## Skills

### Programming

Java, C, C++, C#, Python, HTML, Verilog, Assembly, Visual Basic, MATLAB

### Information & Security

Identity Federation, Directory Administration, Privileged Access Management, Identity Governance

### Hardware

FPGA, Sensors, Embedded Systems

### Other

Customer Support, Project Management, Problem Solving, Technical Writing

## Education

### University of Georgia

Athens, Georgia

B.S. IN COMPUTER SYSTEMS ENGINEERING

August 2014 - August 2018

- GPA: **3.4**
- Zell Miller Scholarship
- Presidential Scholar
- Certificate: Emerging Engineering Leaders Development Program