

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 (3.25in²) 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