Czar-Cortez Dixon

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🎓 EDUCATION

2019 – present	**Computer Science,** *Claflin University* ⧉	Orangeburg, SC
	AAS - Applied Sciences, *CCAF* ⧉	United States

💼 PROFESSIONAL EXPERIENCE

2016 – present	**Freelance,** *Software Engineer*	United States

- Embedded Systems Engineering since 2013
- Manage multiple Android firmware repositories, keeping devices up-to-date after OEM support is dropped, amassing a total of over 1 million downloads
- Maintain multiple Linux kernel repositories, used by many around the world
- Cloud-based Engineering for startups since 2018
- Utilizing Google Cloud and Amazon AWS to build backend services that scale
- JavaScript, Kotlin, Swift, and C are the go-to languages I work with

2014 – 2018	**US Air Force,** *Avionics Technician*	United States

- Inspect, tests, adjusts, and also repairs avionics equipment, like radar, radio, pulse, navigation, auto pilot, and also compass systems, installed in aircraft as well as space vehicles
- Inspect components of avionics equipment for defects, like loose connections plus frayed wire plus for accuracy of assembly installation
- Test avionics equipment under simulated or actual operating conditions for defining performance & airworthiness, using test equipment, like oscilloscopes, digital meters counters and additionally circuit analyzers
- Adjust, repairs, or replaces defective components based on analysis of test results, following blueprints, schematics, handbooks, and also other technical documents
- Calibrate installed or repaired equipment to prescribed specifications

2014	**McNair Law Firm,** *DevOps I*	Columbia, SC

Managed Application Analyst duties, pulled reports, replaced data in spreadsheets, ran SQL queries. Configured/managed hardware and software across the firm.

2013 – 2014	**Richland School District Two,** *DevOps I*	Columbia, SC

Worked with Richland School District 2 for their first year of Chromebook deployment, reaching reaching over 28000 students and over 3500 staff members within the district.