

**Antonio Ramar Collins II**

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## Employment

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### **North Carolina Agricultural & Technology State University**

JAN 2021 – Current, Greensboro, NC (Remote)

- As a freelancer, I created a web application enabling transfer students to evaluate their previous college credits. Since going full-time, my tasks primarily involve writing full-stack applications in languages such as PHP, Golang and Javascript.

### **Duke Energy**

NOV 2019 – SEP 2020, Charlotte, NC

- Joined a team in charge of updating internal tooling responsible for helping management build and repair power lines within Duke's network.
- Extensively used SQL Server, Angular 7 for front-end components and Java 8+ with Spring Boot for API development. Also used third party systems such as Apigee for modular login management.

### **Blue Cross, Blue Shield of Michigan**

DEC 2018 - MAY 2019, Detroit, MI

- Ported an LDAP-based retirement application to a fully open source solution using simple HTML, Javascript, and open-source Adobe Coldfusion equivalent Lucee to consume SOAP-based APIs.

### **Wake Forest Baptist (and other contracts)**

FEB 2018 - OCT 2018, Winston-Salem, NC

- After a few smaller contract roles, I took on a project with this company to develop an iPad friendly interface for nurses to collect the results of clinical trials. This application was a responsive full-stack web application utilizing common technologies such as: SQL Server and Javascript. As the university's primary stack was based on Adobe's ColdFusion, I used that platform to develop a backend capable of managing the clinical trial data.

### **North Carolina Central University / Web Developer**

JAN 2016 - OCT 2017, Durham, NC

- Worked with ColdFusion to write extensions for and improvements to the school's hand-built CMS. Also built numerous full-stack applications for the campus with Javascript, PHP and Coldfusion.

## Skill Set

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- 6 years – Vanilla JS (ES5+) development, spent about 2 of those using Vue.js and Angular
- 5 years – C, C++ and Lua development
- 2 years – Java development (Spring Boot, Lucee module development & Android)
- 6 years – SQL of all dialects, including MySQL, Postgres, Microsoft SQL Server & Oracle
- 1 year – Golang & Dart development
- 3 years – CFML / Lucee development

## Interests & Open-Source Work

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- Created a scholarship search mobile app for college students aged 25+ called Missed Steps (<https://missedsteps.org>)
- Writing and maintaining the hypno web server, a web and application server written in C using Lua for the evaluation of business logic. It's usefulness has grown to service the backend of some the applications I have written. (See: <https://github.com/ramar-work/hypno>)
- Created a Lucee based CFML framework for web apps. Code for this is available to view on Github: <https://github.com/ramar-work/myst>
- Volunteered as an assistant coach for Let Me Run, a non-profit organization teaching young boys how to reach their physical potential via running. (See more at <https://letmerun.org>)
- Volunteered as a teacher for Black Girls Code, a non-profit teaching women of color to code in Durham, NC (See more at <https://bgc.unc.edu>)
- Recently awarded an Associate in Arts from Central Piedmont Community College