**Eric Christopher Davis, Jr.**

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**Objective**

To obtain a position in Software Development.

**Education**

University of North Florida Jacksonville, Florida

*Bachelor of Science* in Computing and Information Sciences

Concentration in Computer Science

Graduated August 2019

**Proficient Languages**

* C, C++, C#, Java
* ASP.NET
* T-SQL, MySQL
* Subversion, Git
* HTML, CSS
* JavaScript

**Skills**

* Database Design
* Full-Stack Development
* Research Proposals
* In-Class Training
* Training Videos
* Video Editing
* Highly Communicative
* Time Management
* SQL Normalization
* SQL De-Normalization
* SQL Server SPs & View Design
* Visual Studio IDE
* Unity
* Site Architecture and Design
* Data Analytics
* EDI File Build w/SFTP Transfer

**Projects**

C*CSO Ticketing Manager (C#/ASP.Net/T-SQL/Subversion)*

Clay County Sheriff’s Office

* The IT department in CCSO desired an easier to maintain and customize solution for Ticket tracking that can be integrated into our inventory tracking system and various other secure systems
* Highly customizable system which allows the user to use a webpage to manage the site content and access level for all members that the IT Team Services
* Designed and Implemented the Management Customization Controls on the Site from Front-End to Database.

*CCSO Timesheet Application (C#/ASP.Net/T-SQL/Subversion)*

Clay County Sheriff’s Office

* Took in all the needs of the application and created planning documents detailing the needs that we would need.
* Designed the Website layout that would fit with what the Agency required
* Designed the Database so that it falls in appropriate normal form.
* Created most of the applications Back-End so that it would be able to enter and manage time in the application.
* Created the ability to have any customizable FLSA schedule so that we follow federal law.
* Created workflows for the agency to approve time and view employee timesheets under their supervision

*NeoGov Integration Systems (C#/T-SQL/Subversion)*

Clay County Sheriff’s Office

* Used the New HRIS system and identify the way that we can integrate it into the current system we use.
* Created Reporting such that I can pull all pertinent information for the agency’s Computer Assisted Dispatch system
* Created Validation for the Information in NeoGov to identify the incorrect data so that all data is clean and correct
* Created the integration systems and databases to do the transfer with the ability to switch the end point to any database

**Work Experience**

*IT Programmer Analyst September 2019 – Present*

Clay County Sheriff’s Office Green Cove Springs, Florida

* Worked full-time completing the software development needs for the agency as approved by command.
* Created and maintained the current in-house software performing updates and user assistance as needed.
* Created reporting applications such that members can have reports generated at any time to find discrepancies between multiple data sources.
* Performed general IT assistance as needed by the Agency

*Technical Analyst* April 2018 – February 2019

nRollTech Jacksonville, Florida

* Worked up to 30 hours a week while successfully balancing a full course load
* Became HIPAA certified so that I can effectively, and safely, store sensitive data so that an employee can apply for health insurance.
* Able to use problem solving and data analytics to find, and report, issues with information provided by multiple sources.
* Automated EDI file builds using SFTP transfer protocol on a weekly or daily basis

**References**

* **Andrew Hill**
  + **Coworker**
  + **904 520 2012**
* **Cody Ackerman**
  + **Coworker**
  + **904 314 2443**
* **Joshua Huffine**
  + **Childhood Friend/Computer Engineer**
  + **760 889 7402**
* **Dominic Antoniello**
  + **Manager**
  + **904 838 7621**

**Important Links**

* **GitHub**
  + [**https://github.com/edavis0314/Eric-Davis-Portfolio**](https://github.com/edavis0314/Eric-Davis-Portfolio)
  + **The FinalProjectDM folder contains a program that takes data from a JSON file and processes it into a SQL database. After that it takes in an input and finds any movies similar to the title and and recommends other movies similar to this title. This was written in Java and MySQL.  
      
    The Compiler is a program that shows off a Lexical Analyzer and Parcer that can be used to check and see if any code can be used in a language called C-. This language was provided by my professor Dr. Eggen at UNF. This was written in Java.**

**The Guide for Adventuring is a program that showcases a different solution to C++'s time seeded rand function. This is using Dungeons and Dragons as a venue to show its ability to create random numbers without using a Sleep call to alter the time seed.**

**In the Link below you can view the videos taken of the site navigation of the project I have been working on for CCSO for the past year.**

[**https://drive.google.com/drive/folders/1Z-R-RfPwqZQmT1Qg1t-z-k7ZEys74JcS?usp=sharing**](https://drive.google.com/drive/folders/1Z-R-RfPwqZQmT1Qg1t-z-k7ZEys74JcS?usp=sharing)

**The Code Samples folder contains some of the generic functions I have made for my job at CCSO.**

* **Linkedin**
  + **https://www.linkedin.com/in/eric-davis-4bb10317b/**