Asa L. Jenkins IV

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EDUCATION

BACHELOR OF ARTS Computer Science

Florida State University, Tallahassee, FL | Aug, 2015 - Present

SKILLS

Languages: Java, C++, C, HTML, CSS, PHP, SQL

Technologies: Git, MySQL, XAMPP, phpMyAdmin

Operating Systems: Linux, iOS, Windows

PROJECTS

fEMR

- Contributed to an open source project a simple "Fast Electronic Medical Records" system built with Java.
- Developed solutions to change requests that dealt with changing the way the dates show to the user.
- Fixed code smells like duplicated code and refactored long methods and classes when possible.

JustMyType

- Contributed to an iOS game using Swift that records the users typing speed, and collaborated to develop a balloon side game where the user tries to pop balloons by typing the string inside.
- Used core animation libraries to animate text labels to slide off screen after the correct word was typed.
- Created balloons with core animation libraries like CAShapeLayer to draw on the games view.
- Developed algorithm that randomizes the balloon colors and changes the labels on the balloons.

PassServer

- Developed a C++ program that inserts users, delete users, and load users from a file.
- Implemented the hash table as an adaptee class, and the PassServer as an adaptor class.
- Built the hash table using separate chaining with a vector and linked list using linear probing to deal with collisions.

Royal Blue Gym

- Contributed to a course project for a website mockup gym.
- Developed the front-end HTML, CSS, and Javascript, and implemented the back-end with PHP, MySQL, and used phpMyAdmin as a GUI to monitor the database.
- Used XAMPP to set up an apache web server.

Cache Simulator

- Developed a C program that simulates a cache of various sizes and configurations.
- Read input from command line arguments and trace files that are passed in as input.
- Outputted the number of sets, set associativity, number of offset bits, index bits, and tag bits.

EXPERIENCE

Walmart Cashier | Nov, 2013 - Present

- Communicating with other team members to ensure a fast, clean, and friendly workplace.
- Training newly hired associates, and utilizing problem solving skills to answer customer questions.