Christopher G. Graham

Aspiring I.T Professional

Personal Info

Phone

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E-mail

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Proficient Languages

Java

MSSQL

C

Familiar Languages

MIPS Assembly

HTML

PostgreSQL & pgAdmin

Swift

Business Skills

Good debugging skills

Fluent in all Word applications

Amazing team skills

Creativity

Communicative

Leadership

Amazing problem solver

Relevant Coursework

Data Structures

Automata and Formal Languages

Databases

Operating Systems

Web Programming

System Programming

Algorithms & Data Structures

Object Oriented Programming

Education

2015-08

University At Albany (SUNY)

Bachelors of Science

Major: Computer Science

Minor: Mathematics

Projects

Space Invaders

Java Project

- Used Abstract Window Toolkit (AWT) functionality in Java to code a fully functional version of space invaders
- Game incorporates a fixed number of enemy entities that speed up as their numbers decrease. Upon defeat of all enemy entities, a victory screen is displayed along with a prompt that allows the player to start a new game when followed.

Expected Graduation: 05/2019

 Made use of threads within JFrame & JPane to allow for delayed movement of animations such as fired shots

Airport Database

SQL Project

- Created a Database for a model Airport using Microsoft SQL Server
- Created tables which were fully equipped with Primary and Foreign Keys.
- Designed and utilized an Entity Relationship Diagram model.

Flight Record Database

C Project

- Built a simplistic in-memory database utilizing C code, accessible through a naive command–line text–based user interface, equipped with a File Converter which converted Binary Files to Text Files & made use of Hash Tables and Indexers.
- Designed the ability to create Hard and Soft Links between files.
- Created and then proceeded to decode and convert the binary to its corresponding ASCII character, which then was used to find and distinguish unique Airport codes.

Additional Activities

Institute of Electrical and Electronics Engineers 2018-09 -

present Albany Branch Member

- Collaborated with teammates and other branch members on how to find technological solutions to various problems.
- Participated in sessions that taught me valuable coding skills

Base64 2016-10 present

Club Member

- Participated in various Hackathons while continuing to learn more about external applications
- Improved my team-based skills by collaborating on projects
- Organized and Participated in workshops where I learned new programming concepts and life skills