
KIMBERLY SHIFFLETT

Software Developer & Graphic Designer

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Offering a strong foundation in software engineering, programming principles, and front-end design skills.

EDUCATION

Bachelor of Science, Computer Science
Minor, Computer Game Design
GPA: 3.7

George Mason University
May 2018 - December 2020

Programming & Data Structures:

Data Mining, Object-Oriented Programming, Data Structures, Web App Development

Software Testing:

Software Testing & Maintenance, Computer Systems & Programming

Computer Organization & Architecture:

Software Engineering, Formal Methods & Models, Operating Systems

EXPERIENCE

1. Portfolio Website

Created with React JS. Provided a learning experience for front-end development with a heavy emphasis on Javascript and CSS. Updates to site regularly maintained on Git.

Technologies: Git, React, Javascript, CSS, HTML

2. Ko and the Transient Heat

A 3D tile-based puzzle game built in Unity. The player is allowed a limited number of movements to complete each puzzle, and they must maneuver around pushable/breakable blocks.

Technologies: Git, C#, Unity, 3DS Max

3. Dijkstra Shortest Path Graph

A simple application that utilizes Dijkstra's pathfinding algorithm. User picks a start point, end point, and blockades - the program calculates the shortest path from start to end.

Technologies: Java

4. Movie Recommender System

Data mining movie recommender system that uses rating information (matrix) and side-information (i.e., additional content) with an RMSE accuracy score of 0.92.

Technologies: Python3

TECHNOLOGICAL SUMMARY

Programming Languages:

Java, C#, SQL, Python3, HTML, XML, Javascript, C, C++

Development Environments:

Git, React, JUnit, Android Studio, Visual Studio, JGrasp, Eclipse

WORK HISTORY

Freelance Illustrator

Working off of commission creating digital illustrations for content creators on streaming platforms such as Twitch.tv and Youtube.com.

Fairfax, VA
August 2016 – Present

Cashier @ Petsmart

Managed ringing sales, bagging items, and maintaining supply count.

Fairfax, VA
June 2015 – August 2016

Lifeguard @ Oak Marr Rec Center

Annually certified by Ellis & Associate's, Inc. for safety and operational requirements at NOVA recreational pools.

Oakton, VA
March 2012 – August 2014
