KIMBERLY SHIFFLETT
Software Developer & Graphic Designer

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EDUCATION

Bachelor of Science, Computer Science – GPA: 3.7   **George Mason University**
Minor, Computer Game Design   December 2020

RELEVANT PROJECTS

* In process of acquiring **Amazon Web Services (AWS) Certified Cloud Practitioner** certification

1. Portfolio Website - kcshiffl.com/   Spring 2021
- Website developed with React JS & deployed with AWS Amplify
- Provided a learning experience for front-end development with an emphasis on Javascript & CSS
- Updates to site regularly maintained on Git

Technologies: Git, React, Javascript, CSS, HTML, Amplify

2. Ko and the Transient Heat - youtu.be/il92GfC17Hc   Winter 2020
- 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 - github.com/kshiffl/Dijkstra.git   Winter 2020
- 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 - github.com/kshiffl/MovieRec.git   Fall 2020
- 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

SKILLS

Languages: Java, C#, SQL, Python3, HTML, XML, Javascript, C, C++
Development Environments: Git, Atom, React, JUnit, Android Studio, Visual Studio, JGrasp, Eclipse
AWS Services: AWS Amplify, Lambda, Cognito, S3, IAM, Route 53

WORK HISTORY

Freelance Illustrator @ Fairfax, VA   August 2016 – Present
Working off of commission creating digital illustrations for content creators on streaming platforms such as Twitch.tv and Youtube.com.

Cashier – Petsmart @ Fairfax, VA   June 2015 – August 2016
Managed ringing sales, bagging items, and maintaining supply count.

Lifeguard - Oak Marr Rec Center @ Oakton, VA   March 2012 – August 2014
Annually certified by Ellis & Associate's, Inc. for safety and operational requirements at NOVA recreational pools.