Dillon McDonald

469-288-0447   Portfolio   dillonjmcd@gmail.com
github.com   linkedin.com

EDUCATION
Bachelor's of Computer Science University of North Texas
Associate's of Science North Central Texas College
Honor Society Dean's List

SKILLS
Languages
- C/C++, Python, JavaScript, HTML, CSS, SQL, MATLAB

Technical Skills
- Web Development, Full-Stack, Object-Oriented Design, UI/UX, Accessibility, Template Design, Agile/Scrum Frameworks, Error Checking, Network Sockets, Shell Development, Image Processing, Databases, Signal Handling, Game Development
- Hardware Deployment, Software Deployment, Virtual Machines, Hardware Troubleshooting, Network Setup, Desktop Building

Systems and Technologies
- MongoDB, Express, React, Node, Redux, Postman, Heroku, OAuth, Git, Github, TortoiseSVN, Visual Studio Code, Sublime Text, MySQL, VMWare, Adobe Photoshop/XD, Microsoft Word/Excel/PowerPoint, Google Sheets, Google Docs, Qt, DirectXTK12, Windows 7/10

PROJECTS
Code Match <Live Version> (GitHub Code)
- Developed a full stack social media platform for software developers allowing posts, replies, likes and personal profiles.
- Integrated GitHub repository support for users to display their work. Users can also list experience, education, bio and skills.
- Built this application using JavaScript, HTML, CSS, MongoDB, Express, React, Node, Heroku, Postman, OAuth and the GitHub API.

Ancient Abyss <Gameplay Video> (GitHub Code and TortoiseSVN)
- Created a top-down shooter akin to Diablo and Hotline Miami with 7 levels, inventory screen, loot/drop chance system, AI and boss.
- Developed with C++, DirectXTK12 and the LARC Engine.

Topic Organizer (GitHub Code)
- Made in a team of two a program that uses AI to tag social media posts and movie/TV show/game descriptions with an appropriate category.
- Created with Python and the Twitter and MonkeyLearn APIs.

COURSES/TRAINING/CERTIFICATIONS
Google Career Certificates
- **Google IT Automation with Python Professional** – Crash Course on Python, Using Python to Interact with the Operating System

freeCodeCamp
- **JavaScript Algorithms and Data Structures Certification** – ES6, Regular Expressions, Debugging, Data Structures, Algorithm Scripting, Object Oriented Programming, Functional Programming, Intermediate Algorithm Scripting

LinkedIn Courses
- Google Analytics Essential Training, Adobe XD Essential Training: Design, Interaction Design Foundations, Photoshop CC 2019 Essential Training: The Basics, Accessibility for Web Design, Android Development Essential Training: Designing a User Interface with JavaScript, UX Foundations: Usability Testing, Accessibility for Web Design, Interaction Design Foundations

Udemy
- MERN Stack Front To Back: Full Stack React, Redux & Node.js

Global Knowledge
- Administering and Maintaining Windows 7 Certification

WORK HISTORY
Harvest Chinese – Delivery Driver   January 2016 – Current
- Responsible for recruiting employees, training personnel, making company decisions and deliveries across a wide area.

Movie Trading Company – Technician/Sales Associate   June 2015 – April 2016
- Cashier responsible for store upkeep and testing technology that comes into store either sold by customers or returned by customers.

Torch Networks – Network Operations Center Engineer   September 2013 – June 2015
- Responsible for all devices, team project leadership, general management, and servers/networking for numerous clients.

Bright Executive I.T. Services – I.T. Technician   March 2012 – September 2013
- Responsible for more than 300 users including their VMware virtual desktop software, computers, phones, projectors, speakers, and any other devices. Also responsible for participating and heading team projects as well as software deployment.