

Dion Olympia

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Education

University of Maryland, Baltimore County - Baltimore, MD

B.S. Computer Science - (Dec 2019)

Work Experience

Customer Value Partners Inc. - Columbia, MD - *Associate Technologist* (February 2020 - Present)

- Implemented REST API endpoints & SQLite database queries using Node.js
 - Developed responsive, user-friendly web pages in HTML, CSS, & JavaScript from designer mockups
 - Updated user interface & styling and built dynamic forms for a single-page Angular application
 - Front-end web design & development for data analysis dashboards and business intelligence tools
 - Utilized automation browser testing tools & Python to automate ETL processes
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Skills

- Experienced with JavaScript, HTML, CSS, MySQL, SQLite, Node.js, C#, PHP, jQuery
 - Familiar with Java, React, Angular, Python, C++, Swift
 - Worked with MS Office suite, Photoshop, Git, Github, GitLab, Unity, Xcode, Visual Studio, Atom
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Projects

Portfolio Website

- Personal portfolio website created with React using HTML, CSS, & JavaScript
- Utilized React Bootstrap, React Router V4, & Material Lite UI

Game of Life

- Collaborative course project implementing Conway's Game of Life as a web application in PHP
- Designed, developed, and tested while utilizing Agile project management lifecycle to meet deadlines

Mountainside Wanderer

- 2D side-scroller, adventure iOS game developed in Unity - graphics made with Photoshop & Piskel
- Implemented levels, game mechanics, UI features, and player stats in C#

SongSearch.io

- Node.js app with a user-friendly GUI to access a music database web scraped from Metrolyrics.com
 - Integrated a relational database management system (MySQL) to perform queries on music data
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Related Coursework

Data Structures	Principles of Programming Languages	Design & Analysis of Algorithms
Operating Systems	Database Management Systems	Computer Architecture
Software Engineering	Computer Organization & Assembly Language	Principles of Computer Security