CHRISTIAN MCDONALD

SOFTWARE DEVELOPER | Cleveland, OH 44102

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PROFESSIONAL SUMMARY:

Creative and analytical junior developer relocating to the Phoenix area in late 2021. I have a passion for helping organizations and individuals solve problems and realize their potential. Excited by work that has complexity, impact, and social or humanitarian value. Looking for remote/flexible opportunities to expand my skills in a front-end junior developer role with an organization that values growth and learning.

TECHNICAL SKILLS:

- Object Oriented Programming: C#, Java
- Web Application Development: HTML, CSS, JavaScript, TypeScript, Spring MVC, Vue, React, Bootstrap, Jest, Chai
- Database Programming: MSSQL, PostgreSQL, DbVisualizer
- Development Tools and Techniques: Git, Eclipse, IntelliJ VS, VS Code, Jenkins, Jira, Agile methodology.

PROFESSIONAL EXPERIENCE:

Software Test Engineer

Hyland Software, Westlake OH   2020 - Present

- Hybrid developer/qa role responsible for managing and contributing to a suite of automated UI tests for our Outlook and Office add-ins.
- Developed a console application to assist with test data generation.
- Contributed to back-end feature work and bug/security fixes on a regular basis.
- Participated in all stages of SDLC, including code reviews.
- Consistently took on work outside of role in order to improve and gain knowledge.
- Officially recognized by management and peers for my problem solving skills, teamwork, and my ability to manage ambiguity.
- Reason for leaving: I am not as engaged and challenged by the work as I'd like to be. It has also been my goal to get into a front-end role where I can exercise more of my creative/visual talents.

EDUCATION:

Tech Elevator   2019 - 2019

Graduated from a 14-week coding bootcamp where I learned to develop dynamic web-based applications using the Java programming language.

John Carroll University | MA in English (creative writing)   2012 - 2014
Case Western Reserve University | BA in English   2008 - 2012

TECHNICAL EXPERIENCE & PROJECTS:

- **Unbeatable Tic-Tac-Toe AI -** created an AI player that uses a recursive "mini-max" algorithm to create a game tree and select optimal moves.
- **National Parks Reservation Software -** developed a command line application connected to a SQL database, which allows users to search for and reserve campsites.
- **National Parks Website -** designed and developed a dynamic website for the parks system using Spring MVC and a SQL database.
- **Volunteer Project Manager -** created a web application to match volunteers with local organizations and events using Vue.js and REST APIs.