Justin R. Zweifel

Aspiring Software Development Engineer

A blue and white square with a white envelope

Description automatically generated [jzweifel15@yahoo.com](mailto:jzweifel15@yahoo.com) | A blue square with white letters

Description automatically generated [LinkedIn](http://www.linkedin.com/in/justin-zweifel-3554511aa) | A purple cat in a circle

Description automatically generated [Github](https://github.com/Jzweifel15) | A computer with a blue screen

Description automatically generated Portfolio

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| **EDUCATION** |
| **Western Governors University**  *Bachelor of Science: Computer Science* **B.S. Received: Nov. 2023** |
| **Eastland-Fairfield Career Technical Schools**  *Programming and Software Development Lab* **DiplomaReceived: May 2018** |

**SKILLS**

**Languages**

**Java C#**

**Ruby Python**

**HTML5 CSS3**

**JavaScript SQL**

**TypeScript NoSQL**

**Other**

**Cloud (Azure/AWS)**

**Version Control (Git)**

**Project Management**

**Team Work**

**Communication**

**Coursework**

**Object-Oriented Design**

**Data Structures & Algorithms**

**Database Management**

**Software QA**

**AI/ML**

**Frameworks**

**React Angular**

**Spring Rails**

**.NET Core**

**WORK EXPERIENCE**

**Amazon OpsTechSolutions (OTS) | Etna, OH Apr. 2019 – Present**

*IT Support Technician II*

* Troubleshoot and resolve any issues with equipment, such as laptops/desktops, scanners, printers, etc., using an internal ticketing system
* Worked with command line tools to troubleshoot any devices connected to Amazon’s internal network
* Create scripts in Bash, Python, or JQuery to automate repetitive tasks
* Create and follow change management (CM) documentation to alter or maintain Amazon’s internal network infrastructure
* Support customers from multiple buildings in the CMH node, as well as remote customers

**Flatiron Schools | Remote Feb. 2020 – Mar. 2021**

*Full-Stack Software Engineering Trainee*

* Completed training to learn the principles of developing and maintaining full-stack web applications from requirements analysis all the way up to deployment
* Taught using React/Redux, Ruby on Rails, and SQLite tech stack, as well as version control using Git

**PERSONAL PROJECTS**

**Dog-Cat Image Recognition** - [Github](https://github.com/Jzweifel15/Dog-Cat-Image-Recognition.git)

*An image recognition program that allows a user to submit a photo of a dog or a cat, and the ML model will predict what it is*

* Crated in Jupyter Notebooks with the Python programming language and supporting modules, such as Tensorflow, Pandas, Numpy, Keras, etc.
* Utilizes a Convolutional Neural Network (CNN) along with a supervised learning method to train the ML model

**Career Chatbot** - [Github](https://github.com/Jzweifel15/Career-Chatbot.git)

*A chatbot that asks a series of questions to determine a sufficient computing job based on the user’s given answer choices*

* Created within the Pandorabots development environment
* Utilizes AIML as the markup language to build the chatbot’s functionality

**TSP Shortest Path** - [Github](https://github.com/Jzweifel15/TSP-Shortest-Path)

*A program that uses the greedy Nearest Neighbor algorithm to determine the shortest path (Traveling Salesman Problem) from one node to another based on a set of requirements*

* Built using the Python programming language, utilizing object-orientation to model specific data based on the given requirements
* Utilizes a custom HashTable for data storage, search, retrieval, and modification
* Utilizes the Nearest Neighbor algorithm for finding the shortest paths

**Fitness Tracker** - [Github](https://github.com/Jzweifel15/Fitness-Tracker-frontend)

*A full-stack web application for the gym junkies that allows for tracking workout and meal schedules, as well as tracking your BMI*

* Built using the React JS frontend framework paired with Redux for application state management
* Built on top of the Ruby on Rails framework for the backend
* Utilizes the Graph JS library for building a stylish and interactive graph for tracking a user’s BMI

**CERTS, ACHIEVEMENTS, & GROUPS**

**Amazon Communities**

*Amazon Beta Testing*  **Since: Mar. 2023**

*App Dev Special Interest Group* **Since: Jan. 2023**

**Axelos**

*ITIL v4 Foundations | Certificate* **Received: Jul. 2023**

**CompTIA**

*Project+ | Cert.* **Received: Jun. 2023**

*ITF+ | Cert.* **Received: Aug. 2021**

**Flatiron Schools**

*Full-Stack SDE Training | Cert.* **Received: Mar. 2021**

**SimpliLearn**

*Angular Basics | Cert.* **Received: Apr. 2022**

*Full-Stack Java Training | Cert.* **Received: Apr. 2022**

**REFERENCES**

**Daniel Saum**

*IT Support Manager*

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**Chris Covey**

*Senior IT Support Engineer*

[cccovey@amazon.com](mailto:cccovey@amazon.com)

**Gaz Robinson**

*IT Support Engineer I*

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**Jacob Cremeans**

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**James (Jim) Ross**

*Technical Support Engineer*

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**Jenny LeMieux**

*WGU Computer Science Program Mentor*

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