Ryan Zembrodt

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Experience

Flooid – Senior Software Engineer   **Cincinnati, OH | April 2023 – Present**
              Software Engineer   **June 2019 – April 2023**

- ❖ Ownership of feature implementations within the core product throughout its lifecycle
- ❖ Collaborating with customers and team members on estimating future feature implementations
- ❖ Investigate and develop fixes for defects on both local and remote machines
- ❖ Implementation of localization support for languages requiring non-Latin fonts in the core product
- ❖ Development of unit tests and integration tests for new features, including Selenium
- ❖ Training of several additional developers in working with the codebase and our product
- ❖ Technologies include: Java, DB2, Docker, Concordion, Selenium

Valvoline – Web Developer Co-op   **Lexington, KY | October 2017 – December 2017**
                                                                                                              January 2014 – May 2015

- ❖ Worked within development team using Agile methodology
- ❖ Developed both front- and back-end features and defect fixes for applications
- ❖ Wrote technical documentation for developed web applications
- ❖ Technologies include: Java, JavaScript, Spring, Microsoft SQL Server

Education

University of Kentucky   **Graduated May 2019**
Computer Science, MSc

- ❖ Computer Science course grader and tutor through Tau Beta Pi
- ❖ Capstone project using sequence to sequence and hierarchical neural network models

University of Kentucky   **Graduated May 2016**
Computer Science, BSc – Mathematics, Minor

- ❖ Studied global energy issues at the Karlsruhe Institute of Technology in Germany during summer 2015
- ❖ Senior design project from Lexmark using machine learning

Skills

Programming languages: Java, TypeScript, JavaScript, Go, Python, SQL, CSS/Sass, C/C++
Libraries/Frameworks: Angular, Spring, Selenium
Other: Git, Docker, Google Cloud, Heroku, Netlify, Atlassian, Jenkins, DB2

Personal Projects

ShowTunes (Angular, TypeScript, Sass, Netlify) – **showtunes.app**
- ❖ Angular web application to interface with the Spotify API and display a user's currently played song
- ❖ User can interact with the app to modify their current playback
- ❖ Various customization options for the user to decide how to display their music
- ❖ Authentication to Spotify via OAuth 2.0 PKCE flow – all data stored client-side

Portfolio Website (Angular, TypeScript, Sass, Netlify) – **zembrodt.com**
- ❖ Angular app used to display my portfolio. Deployed with Netlify