

# Ryan Zembrodt

ryan.zembrodt@gmail.com   zembrodt.com  
(859) 948-6338   github.com/zembrodt

## Experience

---

### Flooid – Senior Software Engineer Software Engineer

Cincinnati, OH | April 2023 – Present  
June 2019 – April 2023

- ❖ Ownership of feature implementations within base product codebase
- ❖ Investigate and develop fixes for defects on both local and remote machines
- ❖ Implementation of localization requiring non-Latin fonts in 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, Concoction, Selenium

### Valvoline – Web Developer Co-op

Lexington, KY | January 2014 – May 2015

- ❖ Worked within development team using Agile methodology
- ❖ Assisted in developing new applications along with relevant database schema changes
- ❖ Developed both front- and back-end features for applications
- ❖ Debugged and fixed defects for existing web applications
- ❖ Wrote technical documentation for developed web applications
- ❖ Technologies include: Java, JavaScript, Spring, Microsoft SQL Server

## Education

---

### University of Kentucky Computer Science, MSc

Graduated May 2019

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

### University of Kentucky Computer Science, BSc – Mathematics, Minor

Graduated May 2016

- ❖ 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