

Sidney Raabe

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Education

B.A. in Computer Science – 3.86 GPA | Kent State University 08/2022 – 05/2024
.NET/C# Web Development Bootcamp | The Software Guild 10/2020 – 01/2022

Experience

Software Developer

Seifert Technologies, LLC – Massillon, OH 05/2024 – 04/2025

- Engineered zone management functionality to a client's fleet tracking application utilizing Mapbox API and Samsara device data, enabling real-time vehicle metrics monitoring and data stored in MS SQL Server database.
- Redesigned a client's web app frontend by creating a responsive mobile sidebar, leveraging Bootstrap components, and replacing page reloads with jQuery and AJAX to enhance user experience and site performance.
- Developed, documented, and published NuGet package for configuring Azure Key Vault secrets in .NET 8.0 on a private Azure feed, streamlining secret management and reducing code reuse on project setup.
- Improved Seifert's internal billing processes by developing an ASP.NET billing worksheet form, improving the efficiency of time and expense approval workflows for managers.

Student Drupal Webmaster

Kent State University College of Arts and Sciences – Kent, OH 07/2022 – 05/2024

- Collaborated with college directors and College of Arts and Sciences marketing team to create engaging, user-friendly university webpages using Drupal CMS.
- Enhanced mobile responsiveness of university webpages by extending Drupal CMS capabilities with custom CSS and JavaScript solutions.

IT Student Application Developer

Kent State University Division of Information Technology – Kent, OH 10/2022 – 08/2023

- Supported the Kent State IT development team to maintain over 200 internal web applications.
- Uncovered numerous previously undetected bugs through comprehensive manual functional testing.

Projects

RTCL PDF Summarization Tool | Python | <https://github.com/KHE-NLP/Easy-Research> 10/2022

- Awarded "1st Place Hack" and "Best Use of Cohere NLP" awards in the 2022 MLH Kent Hack Enough hackathon.
- Built web interface, wrote Regex queries, and provided training data to improve summarization accuracy.

Vehicle Dealership | C#, ASP .NET MVC | <https://github.com/sidneyraabe/projectSamples> 01/2022

- Designed and implemented a vehicle dealership's retail inventory system, featuring administrative tools, sales reporting tools, user login, and a customer storefront.
- Conducted extensive unit testing to verify accuracy of queries and business logic throughout development.

Five Dice Game | C# | <https://github.com/sidneyraabe/FiveDiceGame> 10/2020

- Developed a Yahtzee clone solo project, featuring a charming console interface.

Activities

HackSU Coding Club | Kent State University 10/2022 – 05/2024

- Attended weekly lessons, gaining comprehensive hands-on experience with modern technologies.
- Created and instructed a lesson on Chrome extension development.

Skills

C#/.NET | JavaScript | C++ | T-SQL | Angular | WPF | Entity Framework (EF) | LINQ | Git | Azure DevOps | HTML | CSS