

# Sidney Raabe

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## Education

Bachelor of Arts in Computer Science – Kent State University  
Major GPA: 3.82

May 2024 (expected)

## Professional Experience

IT Student Application Developer | Kent State University | Kent, OH

October 2022 – August 2023

- Supported the Kent State IT development team to upkeep a library of over 200 web applications.
- Assisted modernizing outdated applications in OutSystems low-code platform to support mobile devices.
- Uncovered numerous previously undetected bugs by practicing patient and thorough manual functional testing.

Web Intern | Kent State University | Kent, OH

September 2022 – present

- Collaborated with college directors to create engaging university webpages using Drupal CMS.
- Leveraged Siteimprove reports to resolve a backlog of hundreds of broken hyperlinks.
- Ensured webpage adherence to WCAG 2.0 Level AA requirements.

## Projects

RTCL (PDF-to-PowerPoint summarizer) <https://github.com/KHE-NLP/Easy-Research>

October 2022

- Awarded “1st Place Hack” and “Best Use of Cohere NLP” awards in the 2022 MLH Kent Hack Enough 24-hour Hackathon.
- Assisted with web interface design, writing Regex query patterns, and provided training data.

Tinder (dating web app) <https://github.com/rsmith531/dating-database>

August 2023

- Designed and developed a Tinder clone utilizing MySQL and Flask web framework in a team of 5 developers.
- Developed database queries, test data, and implemented registration, profile details, and profile edit pages.

Five Dice Game <https://github.com/sidneyraabe/FiveDiceGame>

October 2020

- Yahtzee clone solo project, featuring a visually attractive console interface.

## Leadership Experience

HackSU Coding Club Leader | Kent State University | Kent, OH

October 2023 – present

- Oversaw marketing role, designing compelling weekly promotional graphics and event descriptions.
- Developed and instructed an introductory lesson on creating custom Manifest V3 Chrome extensions.

## Certificates

Web Developer Bootcamp | The Software Guild

January 2022

- Completed 720 hours of coursework, earning a full stack web development certification in a .NET/C# tech stack.
- Gained proficiency in back-end to front-end web development, including building databases in Microsoft SQL Server, developing unit-tested ASP .NET MVC server backends, creating first-party APIs, and the utilization of front-end frameworks and tools such as jQuery and Bootstrap.

## Activities

HackSU Coding Club | Kent State University | August 2022 – present

2022 MLH Kent Hack Enough 24-hour Hackathon | Kent State University | October 2022

KSU New Music Ensemble | Kent State University | January 2018 – May 2020

Collegiate Rocket League E-Sports | Kent State University | October 2017 – May 2019

## Technical Skills

Languages: C#, C++, JavaScript, Python, SQL

Frameworks and Tools: ASP.NET, ADO.NET, LINQ, NUnit, Flask, Bootstrap, React

Software: SSMS, Visual Studio, VS Code, Postman

Version Control: Git Bash, TortoiseSVN