Sidney Raabe

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Education

Bachelor of Arts in Computer Science – Kent State University   May 2024 (expected)
GPA: 3.9

Professional Experience

IT Student Application Developer | Kent State University | Kent, OH   October 2022 – August 2023
- Helped modernize outdated applications in OutSystems low code platform to support mobile devices.
- Supported the Kent State IT development team in upkeeping a library of over 200 web applications.
- Discovered several previously undetected bugs in existing applications, through patient manual testing and knowledge of web development weak points.

Web Intern | Kent State University | Kent, OH   September 2022 – present
- Collaborated with college directors to create engaging webpages for university events, degrees, and homepages.
- Applied web development experience to resolve Drupal content display limitations.
- Leveraged Siteimprove reports to resolve a year-long backlog of hundreds of broken hyperlinks.

Projects

Easy Research 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.
- Collaborated in a 5-person team to build a tool that converts research papers into PowerPoint presentations.
- Assisted with web interface design, Regex query writing, and provided training data.

Dating Web App https://smithr.pythonanywhere.com   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
- Created a Yahtzee clone in under a day featuring a visually attractive console interface.

Leadership Experience

HacKSU Coding Club | Kent State University | Kent, OH   October 2023 – present
- Oversaw marketing role, designing compelling weekly promotional graphics and event descriptions.
- Communicated weekly reminders through Discord and email lists, leading to an increase in club attendance.

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
Collegiate Rocket League | 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
Software: SSMS, Visual Studio, VS Code, Postman
Version Control: Git, GitHub, TortoiseSVN