

# COREY SHAFER

[shaf2609@kettering.edu](mailto:shaf2609@kettering.edu) | [linkedin.com/in/corey-shafer](https://linkedin.com/in/corey-shafer) | [github.com/Crshafer12](https://github.com/Crshafer12) | [corey-shafer.com](https://corey-shafer.com)

(586) 818-0025 | 54501 Salem Drive, Shelby Township, MI 48316

## EDUCATION

### Kettering University

Flint, MI

Bachelor of Science in Computer Science, 3.49 GPA

Jul. 2019 – Jun. 2023

- Relevant Coursework: Software Engineering, Operating Systems, User Design/Interface, Foundations of Data Science, Cloud Computing

## EXPERIENCE

### Software Developer Co-op

Oct. 2019 – Present

Leidos

Walled Lake, MI

- Develop Supervisory Controls and Data Acquisition (SCADA) Human Machine Interface (HMI) screens using Tridium Niagara software
- Completing undergraduate thesis project by designing and developing a web application in C# to manipulate JSON/XML files to decrease the time of a developmental process by 75%
- Make code changes in JavaScript, HTML, and CSS to allow screens to be hosted from the client site and accessible from an internal network on a browser
- Write and review training/reference manuals and documentation for clients

## PROJECTS

### Corey-Shafer.com | React, JavaScript, HTML, CSS

Oct. 2022 – Jan. 2023

- Created a personal website from the ground up, hosted on GitHub pages
- Implemented small animations and dynamic resizing to be user-friendly in all screen sizes, including mobile

### GradeBook | JavaScript, Express.js, Node.js, EJS, MongoDB

Jun. 2022 – Dec. 2022

- Created a full-stack web application designed as a student grade center
- Utilizes MongoDB to store and retrieve user data, resulting in improved data organization and fast query times
- Authenticates with passport-local-mongoose for secure user credentials

### Keeper App | React, JavaScript, Express.js, Node.js

May 2022 – Aug. 2022

- A full-stack application to add, delete, and edit notes
- Utilizes states, hooks, components, component trees, props, and mapping to create an efficient and simple user interface and experience

## TECHNICAL SKILLS

**Languages:** JavaScript, HTML/CSS, SQL, Java, C#, Python

**Frameworks:** React, Express.js, Node.js, Mongoose, Bootstrap5, jQuery

**Developer Tools:** MongoDB, MySQL, Git/GitHub, Figma, VSCode, Postman, Office 365

**Libraries:** Pandas, NumPy, Matplotlib

## NOTABLE ACHIEVEMENTS

- Udemy Web Development 2022 Course Certificate - 55-hour course covering web development fundamentals including Express.js, Node.js, Bootstrap5, Mongoose, and React
- Order Of Omega Member - Academic Organization for Scholars and Leaders within the Greek Community, selected by peers (2022-present)
- SAGE(Student Association of Global Engineers) Member - Philanthropic organization dedicated to Flint, MI (2019-2022)
- Recorder Chairman for Sigma Nu Fraternity, Executive Board position, maintained all chapter records and worked alongside other board members to achieve the highest national rank in 5 years, being nationally recognized (2021-2022)
- Community Service/Philanthropy Chairman for Sigma Nu Fraternity - Organized events, increasing annual donations from \$800 to \$3500 (338% increase), ranked #1 on campus (2020-2021)
- Richard C. Balmer Scholarship Recipient - Recognized Sophomore year for academic achievements
- Kettering Presidential Scholarship Award Recipient - Recognized for High school scholar and honors