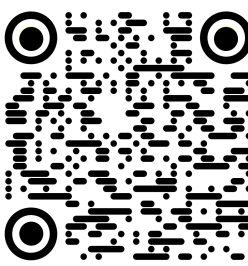


SHAHRIAR RIVAN

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University Of Missouri Kansas City

Bachelor of Science in Computer Science - 2024

Involvements

UMKC Robotics Club, Research-A-Thon, Hack-A-Roo, First Robotics Competition, Students for Justice

Experience

Research-A-Thon **2nd Place** winner 🏆 for **Apogee: Fitness Tracker**

November 2024

- Track calories, Protein, Macros, Weight and more.
- Beautiful progress visuals, analysis & Stats on all the data

Hack-A-Roo **2nd Place** winner 🏆 for **TheraGloves**

April 2024

- Rehabilitation gloves with Machine Learning for stroke patients
- Cost effective, easy-to-use, intelligent, ML, at home self therapy

Software Developer Intern at Enterprise Software Solutions (Lenexa, KS)

October 2023 - December 2023

- Creating, updating and Maintaining APIs according to client's needs
- C#, .NET, Postman, SQL, etc.

Productivity Engineer intern at Farm-to-Market Bread Co. (Kansas City, KS)

June 2023 - August 2023

- Analyze data to identify and streamline bottlenecks, increasing productivity.
- Optimize labor scheduling and workflow strategies for enhanced resource efficiency in baking.
- Input and manage labor data in FlexiBake for detailed cost analysis, aiding decisions on process enhancements.

Skills

Embedded Systems, Embedded GUI, C, C++, C#, Java, Python, Front-End, UX/UI, JavaScript, HTML, CSS, React, Swift, MySQL, MicroPython, Mechatronics, Robotics, 3D modeling/printing, fusion360, Prototyping, Visual Studio, Figma, Postman, Xcode, Swift Playground, Arduino IDE, Github, Github desktop, GoDaddy, Firebase, SquareLine Studio, API, Soldering

Projects

More at www.instagram.com/rndr.mech AND shahriarrivan.com

75Days: Fitness & Wellness companion (UX/UI, WebDev, SaaS) - <https://shahriarrivan.com/75days>

- Developed a comprehensive dashboard that consolidates key health metrics such as daily steps, water intake, weight changes, and calorie consumption, providing users with real-time progress tracking and actionable insights.
- Designed a clean, timeless UX/UI for a SaaS-based wellness app, ensuring intuitive navigation and a seamless user experience to enhance long-term engagement and goal tracking.
- Integrated advanced data analytics for users to visualize their fitness journey through statistics and performance.

Apogee: Fitness logger/tracker (UX/UI, WebDev) - <https://shahriarrivan.github.io/Apogee/>

- Developed a user-friendly fitness logger web app using HTML, CSS, JavaScript, and Firebase, enabling users to easily track and analyze their fitness progress.
- Designed with a modern "bento-box" style, featuring elegant rounded edges to enhance user experience and visual appeal.
- Integrated advanced data analytics for users to visualize their fitness journey through statistics and performance.

Portfolio Website: Shahriar Rivan (UX/UI, WebDev) - <https://shahriarrivan.com>

- Crafted a personal portfolio website with a unique bento-box layout and a dark aesthetic theme, showcasing my projects and skills through HTML, CSS, and JavaScript..
- Designed to reflect a sophisticated digital presence, the website effectively demonstrates my design capabilities and attention to detail in web development.

Mechatronics & Robotics Projects (more at <https://shahriar.rivan.com>)

- TheraGloves - Skills: ArduinoIDE, ESP32, Machine Learning, IoT
- Smart Car Key - Skills: ArduinoIDE, ESP32, BLE, GSM, IoT
- Apple homekit Door lock - Skills: ArduinoIDE, ESP32, IoT, Apple Homekit
- NFC/Morse Code safe Lock - Skills: NFC, ArduinoIDE, Arduino NANO, Morse Code

