Korvan Nameni

namenik@msoe.edu | Resume Website: korvane.github.io/Resume-Website/index.html

SUMMARY

B.S Computer Engineering student at Milwaukee School of Engineering with numerous, diverse, hands-on, team-based project experiences. Skills in Git, Altium PCB design, Quartus FPGA design, HTML, Java, Python.

EDUCATION

B.S. Computer Engineering | Milwaukee School of Engineering '29 | GPA: 3.3/4.00 | Dean's List
H.S. Diploma | Menomonee Falls High School | Menomonee Falls, WI | GPA: 4.73/4.00 Summa Cum Laude
*Completed IT dual enrollment at Waukesha County Technical College with honors

PROJECT EXPERIENCE

Buffered Instant Replay Recorder (Python):
▪ Utilized OpenCV to create a buffered video recorder (Python).
▪ Created custom circular queue structure for efficient high-FPS frame storage without memory overflow.
▪ Implemented frame-accurate playback controls (pause, step, jump, slow-motion) and automatic clip exporting.
Result: Increased Git proficiency, strengthened OpenCV and data-structure skills through building a functional real-time replay system. View a video demonstration + more details at my resume website.

Portfolio Website (HTML, JavaScript, CSS):
▪ Multi-page personal portfolio website to showcase high-level and low-level engineering projects.
▪ Contains sections for "featured projects", coursework, high/low level projects, and external links.
▪ Built reusable DOM-manipulation utilities to generate project cards, media elements (images/videos), captions, and links programmatically.
Result: Rapidly acquired and applied programming languages to create a dynamic portfolio site, showcasing fast learning and practical problem-solving skills.

More projects at: korvane.github.io/Resume-Website/index.html

MSOE SAE FORMULA HYBRID

Low-Voltage Team | September 2025 – present | 5 hrs per wk
▪ Created Altium symbol for an electromechanical relay, sourced footprint, wired and routed on PCB.
▪ Routed 12 V to 3.3 V regulator and Molex connector with Schottky diode protection in Altium.

LEADERSHIP EXPERIENCE | CO-CURRICULAR INVOLVEMENT | AWARDS

Winner | Wisconsin-Dairyland Programming Competition | April 2025
Team Captain | High School Track & Field | June 2025
Field MVP | High School Track & Field | June 2025
MSOE NCAA Track & Field Team | September 2025 – present | 11 hrs per wk

WORK EXPERIENCE

Backroom Associate | HomeGoods | May 2024 – February 2025 | 25 hrs per week
Intern | MKE Tech Hub Coalition FUSE AI Bootcamp | June 2025 – July 2025 | 6 hrs per week

INTERESTS

Pole Vault | Puzzles | Reading | Weightlifting