Umut Temel

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EDUCATION

Michigan State University, Broad College of Business, East Lansing, MI

May 2026

Bachelor of Arts, Supply Chain Management

Bachelor of Science, Computer Science Engineering

May 2026

• Cumulative GPA: 3.98/4.00 Dean's List: 4 Semesters

RELEVANT EXPERIENCE

SHAPE/NATO, Mons, Belgium

Jun. 2024 – Aug 2024

AI Consultant/Intern

- Enhanced the cybersecurity operations by developing and implementing new AI-driven security protocols, resulting in significantly improved overall security measures.
- Assisted in documenting technical projects, ensuring clear and detailed records, which improved project execution efficiency and facilitated better knowledge transfer within the team.
- Consulted with division members, offering strategic AI insights to strengthen initiatives, enhancing the effectiveness of cyber strategies and contributing to more robust solutions.
- Contributed to both technical and management aspects of projects by leveraging AI technologies and participating in project management activities, leading to more cohesive and effective project outcomes.

Michigan State University, East Lansing, MI

Sep. 2022 – Jun. 2024

Undergraduate Research Assistant

- Promoted Computer Science, STEM and Robotics to elementary school students with Prof. Aman Yaday as a part of a
- Researched the ethical problems around computing, and collected data using questionnaires and examined them using
- Utilized WordPress to make the website for our lab, increasing exposure to our research and allowed us to share our work easily
- Gained knowledge in responsible conduct and professional development through participation in Collaborative Institutional Training Initiative (CITI) and professional development seminar for Research Assistants.

Michigan State University, East Lansing, MI

Aug. 2023 – Present

Resident Assistant

- Managed a floor of 48 residents in a 2500 student community and determined residential student conduct with a focus on academic achievement and community safety.
- Provided crisis intervention and support in a 2 person team as part of a 24-hour on-call rotation for the 2500 student community
- Collaborated with colleagues to program events leveraging our campus partners and university resources leading to a community with genuine intentions and relationships.
- Helped conduct drills to model the evacuation patterns for the building to improve safety of residents and students

PERSONAL PROJECTS

Cloud Cards | Full Stack Developer

- Architected and developed a full-stack digital business card platform using Next.js 13, TypeScript, MongoDB, and NextAuth.js, resulting in a scalable application with seamless NFC-enabled profile sharing and 100+ active users.
- Implemented comprehensive user features including RESTful APIs for profile management, Stripe payment processing for premium subscriptions, and custom analytics dashboard with Chart.js.
- Engineered a responsive frontend with Tailwind CSS and Framer Motion animations, incorporating dark mode support and accessibility features, leading to consistent user experience across all devices and increased user retention.

ACTIVITIES & SKILLS

Proficient: Java, Excel, Word, LoggerPro, Python, C++, C#, HTML/CSS, SQL, JavaScript, Next.js,

Intermediate: SPSS, Google Cloud, Google FireBase, Amazon AWS

Spartan Hackers, Member

Artificial Intelligence Club, Member

Research Assistant

Residential Assistant

September 2022-Present September 2022-May 2024

September 2023-Present

September 2022-Present