

# John J. Samels

Johnsamels12@gmail.com • (219) 670-7781 • johnsamels.info

---

## EDUCATION

**Indiana University, Luddy School of Informatics, Computing, and Engineering** Bloomington, IN

May 2026

*Bachelor of Science in Informatics*

**GPA: 3.47/4.00**

**Major:** Informatics | **Minors:** Business Cognate and Human Computer Interaction and Design

---

## PROJECTS

**I211 Semester Project**, Bloomington, IN

January 2024 – May 2024

*Information Infrastructure II*

- Developed a functioning web application using HTML, JavaScript, and Python for an outfitting company, creating an interactive and responsive user interface.
- Implemented features such as real-time equipment availability updates, booking forms, and accounts to enhance user experience
- Utilized SQL queries to handle complex data operations such as inventory management, booking system, and customer records

**I308 Final Project**, Bloomington, IN

January 2024 – May 2024

*Information Representation*

- Created a comprehensive database using SQL to assist a theoretical music store in managing and scheduling appointments as well as tracking equipment rentals
- Leveraged Entity Relationship Diagrams (ERDs) to visualize and plan the relationships between different entities such as employees, clients, and equipment, facilitating a clear understanding of the database structure
- Added PHP functions to update and manage database queries, making data handling more efficient and user-friendly

**MedAssist**, Bloomington, IN

January 2023 – May 2023

*Healthcare Assistant Application Design*

- Utilized Figma and Canva to prototype and design "MedAssist," creating a high-fidelity, user-centered interface that addresses key healthcare challenges like language barriers, accessibility, and holistic patient care.
  - Conducted primary research through interviews with medical professionals and patients to identify real world problems in health care, such as language barriers, holistic issues, and a demand for cost-effective solutions. This research led us to focus on a patient-focused design
  - Led user testing sessions to gather actionable feedback, addressing navigation issues, refining button placement, and enhancing usability. I then incorporated user insights to improve the app's flow, adding interactive elements like forward/back navigation and more visible QR codes to facilitate seamless use across diverse healthcare scenarios.
- 

## WORK EXPERIENCE

**Hoosier Landscaping**, Schererville IN

May 2024 – August 2024

*Founder*

- Leveraged social media platforms, local advertisements, and word-of-mouth referrals to effectively market my landscaping services, which resulted in a significant number of new clients
- Maintained communication with clients, ensuring each project met or exceeded expectations while prioritizing timely completion

**Grand Lakes Landscaping Management**, Schererville IN

May 2022 – June 2024

*Landscape Specialist*

- Worked on a wide array of projects, ranging from the installation of patios and pergolas to the intricate crafting of gates and archways
  - Collaborated closely with supervisors, maintaining communication to guarantee that each project exceeded customer standards, while also prioritizing timely completion
- 

## LEADERSHIP & INVOLVEMENT

**Effective Altruism IUB**, Bloomington, IN

January 2025 - Present

*Website Designer*

- Researching tech and finance solutions to develop practical approaches for real-world community challenges
- Designing and programming a website to enhance EA Indiana University's online presence.

**Beta Sigma Psi**, Bloomington, IN

March 2023 – January 2025

*Recruitment Chair*

- Effectively communicated my recruitment plans and strategy to the executive board and a team of 20 recruitment committee members, ensuring everyone understood their roles in executing recruitment activities
- Selected 31 new members from over 300 students, focusing on those who best fit the organization's values.
- Listening to feedback from the University and Nationals regarding the recruitment process, incorporating their insights to refine my recruitment strategy