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Bloomington, IN 47403

EDUCATION & HONORS

Indiana University Bloomington (May 2027) - *Luddy School of Informatics, Computing, and Engineering*

Bachelor of Science in Intelligent Systems and Engineering: Bioengineering **GPA: 3.634/4.00**

Mac-Donald's Scholar *Scholarship Program at Indiana University awarded to incoming undergraduates with a passion for civic engagement.*

Hutton Honors Scholar *Competitive Scholarship Program Offered to incoming first-year students with cumulative high-school GPA of 4.0 or higher*

TECHNICAL SKILLS

- **Programming Languages:** Python and C programming
- **Tools:** Outlook, GitHub, Microsoft Office, Microsoft Excel, PowerPoint, Adobe Illustrator, Adobe Fusion 360, Adobe Photoshop, Adobe Premiere Pro
- **Other Skills:** Social Media Content Creation, Project Management, Work Ethics and Organizational Productivity

PROJECTS

Choose Your Adventure Trivia Board Game (Story-Map Link: <https://arcg.is/Kn1Gz>)

- Created a trivia board game with a team using Python and a Raspberry Pi, helping high school seniors study literary writers and their works to prep for their exams.
- Designed and 3D-printed custom tokens using Adobe Illustrator, Fusion 360, and PrusaSlicer.
- Built a wooden game board and integrated digital features for an engaging hybrid experience.
- Followed sustainability and safety guidelines to create an inclusive, educational game.

RESEARCH EXPERIENCE

Optical and Bio-Imaging Lab, Indiana University

Bloomington, IN

Research Assistant

Aug. 2025

- Conduct research on advanced bio-imaging techniques, including Optical Coherence Tomography (OCT), quantum microscopy, and structured light microscopy, analyzing the interaction of light with biological tissues.
- Collaborate with a physics-focused lab to develop and optimize light sources and laser systems for applications in X-ray generation, quantum imaging (using SPDC), and structured light with STOV and OAM.
- Assist in designing experiments, collecting and processing data, and applying quantitative analysis to study optical effects on biological samples.

PROFESSIONAL EXPERIENCE

INgineering Club, Indiana University

Bloomington, IN

Director of Marketing

Aug. 2024-May 2025

- Manages and leads marketing campaigns for departmental events like Hackathons by designing promotional materials and assets such as logos, PowerPoint slides, and certificates.
- Organize events and collaborate with clubs to create engaging activities that support students' academic and personal growth.
- Create weekly updates across INgineering's social media platforms to encourage student engagement.

Campus Closet at IU, Indiana University Bloomington

Bloomington, IN

Club President, Supervisor, and Volunteer Member

Aug. 2024-Present

- Coordinate logistics for efficient distribution of free clothing to IU students and community.

- Assist in planning and executing larger-scale events beyond campus at locations such as the Monroe County public library.\

Covenant House Cafe, Redeemed Christian Church of God, Indianapolis
Co-founder

Bloomington, IN
 Aug. 2024-Present

- Co-founder of initiative that offer free customizable coffee, snacks, and hot food to enhance the communal experience in church.
- Supervises and manages logistics to ensure smooth and seamless operation for volunteers, attendees and church leadership.
- Lead marketing efforts by creating content, designing promotional materials (including the logo), and driving engagement to increase exposure for the organization.