

Braden Pool

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EDUCATION

Indiana University Bloomington, Luddy

May 2025

- *Bachelors of Science in Computer Science Minor in Intelligent Systems Engineering*

Heartland Community College, Illinois

May 2023

- *Associates of Science in Computer Science*

EXPERIENCE

State Farm

Normal, IL/Remote

Enterprise Technology Software Engineer Intern/Part-Time/Full-Time

May 2023 – Present

- Was tasked with redeveloping an internal API service to incorporate the usage of AWS components
- Learned new first hand experiences with AWS and how it works in the real world along with a better understanding of REST Api and terraform
- Was tasked with fixing and developing new components in the front and backend of the Salesforce system
- Learned front and back end development of the Salesforce enterprise along with data management and Lightning Web Components

Indiana University - Luddy Makerspace

Bloomington, IN

Makerspace Technician

Aug. 2023 – Present

- Tasked with maintaining and fixing all makerspace equipment (3D printers, laser cutters, soldering stations, etc.)
- Responsible with teaching students how to correctly use the makerspace devices while also supervising multiple makerspaces

Indiana University - Peer Mentor

Bloomington, IN

Luddy Living Learning Community

Aug. 2024 – Present

- Responsible for a “buddy huddle” of students and helping them adjust to college life
- Held events within the LLC to spark engagement and a closer community
- Dependable and Responsible person who anyone could turn to for assistance

Indiana University - Luddy Pacesetters

Bloomington, IN

Pacesetters Events Team Co-Lead

Oct. 2023 – Present

- Worked with a group of other Luddy students to design, coordinate and plan events to take place on campus
- Goal of events is to promote diversity and inclusion in technology
- Worked with events team to plan events and manage finances

Indiana University - Associate Instructor

Bloomington, IN

Luddy School of Informatics, Computing and Engineering

Aug. 2024 –Dec. 2024

- Associate Instructor for the Introduction to Engineering course.
- Helped teach the class, grade assignments, and hosted my own office hours to assist students
- Class consisted of approximately 120 students total

INVOLVEMENT

FBI Indianapolis Collegiate Academy

Feb. 2025

- Prestigious program of only 20 students selected from the region where I was selected based on my application, which includes GPA, school activities, community involvement, and a written essay
- Involved hands-on with FBI agents along with learning more about the FBI and its role
- Learned professional skills from a government forefront along with teamwork and problem solving

Vice President, Luddy Makerspace Club

Aug. 2024 – Present

- Responsible for helping rebuild the Makerspace Club from the ground up.
- Held events within the Luddy LLC and throughout Luddy.
- Taught students and peers about the makerspaces and how to effectively use the different tools.

PROJECTS

Campus-wide 3D Printing Course

Fall 2024

Indiana University

- Tasked with creating a course to teach about the safety and usage of the 3D Printers on campus
- Course is used in multiple classes as part of curriculum

Skills

Technical: Java; Python; JavaScript (REST, React); C; C#; Git