

# Hayden D. Holmes

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## EDUCATION

**Indiana University** - Bloomington, IN  
Luddy School of Informatic, Computing, & Engineering  
**Bachelor of Science in Computer Science** - Artificial Intelligence Specialization  
**Minor:** Business  
**Cumulative GPA:** 3.8  
**Honors and Awards:** Dean's List Fall 2022, Fall 2023, Spring 2023, Fall 2024

Expected Graduation: May 2026

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## PROFESSIONAL EXPERIENCE

**Capgemini Launch Intern**, Chicago IL  
*Presales & Strategic Advisory Services*

Summer 2025

- Earned **Consumer Products, Retail & Sales (CPR&S) L2 certification**, gaining foundational knowledge of retail operations and strategy
- Produced content for three **account-wide town halls**, including slide decks and introductory videos reaching 200+ employees
- **Researched and summarized** McDonald's international development licensed restaurants **providing insights to inform strategic account decisions**
- Collaborated with senior leadership across Capgemini business units **on two strategic and valuable active RFP responses**
- **Developed and refined client-facing slide decks**, aligning content with pursuit themes and branding
- **Built Excel-based activity trackers to align 20+ stakeholders**

**IU Undergraduate Instructor and Tutor**, Bloomington IN  
*Data Structures & Intro to Software Systems*

April-May 2023 | August–December 2024

- Collaborated with peers to develop and distribute weekly class materials for 150+ students
- Displayed integrity by holding team members **accountable**.
- Developed Java tests to grade students' work

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## PROJECTS

**Telecom Churn Modeling** || Python

- Built and evaluated machine learning models (Logistic Regression, Decision Trees, Random Forests) to predict telecom customer churn, achieving up to **97% ROC-AUC** across segments.
- Delivered actionable insights on churn drivers (complaints, usage intensity, customer value), recommending **targeted retention strategies** that informed segment-specific outreach campaigns.

**Artificial the Artist** || Python | EC2 | Shopify | OpenAI, Google Sheets & Gelato APIs  
*Co-Founder & Developer*

- Co-founded an on-demand shipping store specializing in products featuring AI-generated art.
- Developed the website using Shopify, integrating AI tools for automatic art generation and product updates.

**Intro to AI Final Project** || Python

- Collaborated with classmates to create a capable Othello artificial player using an AlphaBeta Minimax Algorithm
- Researched the problem space to develop an advanced heuristic function combining multiple aspects of the game

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## TECHNICAL SKILLS

**Languages:** Java | Python | C | HTML | CSS | R | Flask | Postgres SQL,

**Software and Tools:** Excel | Git | Shopify | Docker | Vagrant VM | AWS [S3, EC2, networks & subnets, IAM]

**Analytical Tools:** Pandas | NumPy

**Certificates:** (NASBA) SQL Essential Training | (LinkedIn) CSS Essential Training

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## LEADERSHIP

**Varsity Men's Lacrosse**, Fishers IN | State Champions: 2021 & 2022

2018-2022

- Recognized as a **team leader**, who held my teammates **accountable**, through **example and communication**
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