

Chris Haleas

cmhaleas@gmail.com | (773) 606-0989 | linkedin.com/in/chris-haleas/ | chrisiu.github.io

EDUCATION

Indiana University, Luddy School of Informatics, Computing, and Engineering | Bloomington, IN **GPA: 3.67**
Master of Science in Computer Science Expected May 2026
Bachelor of Science in Computer Science Expected May 2025
Specialization: Artificial Intelligence | **Minor:** Data Science | **Certificate:** Entrepreneurship
Hutton Honors College: Selected for a rigorous curriculum of honors-level liberal arts and STEM courses in recognition of academic excellence
Relevant Coursework: Data Structures and Algorithms, Principles of Machine Learning, Intro to Artificial Intelligence, Statistical Inference

WORK EXPERIENCE

Carnival Cruise Line | Miami, FL May 2024 – Present
IT Sales and Guest Operations Intern

- Summer internship extended into an academic year internship to continue leading the company's AI initiatives
- Spearhead AI-driven recommendation engine integration, enhancing guest experience with personalized suggestions
- Design recommendation engine using Collaborative Filtering, Content-Based Filtering, and an Adaptive Ranking model
- Collaborate with the product management team on booking system modernization project, impacting 30% of company revenue
- Lead development of AI tool utilizing Copilot API to summarize call center notes, boosting customer service efficiency
- Create Agile user stories for new features using Figma and Microsoft Azure, directing the engineering team's development

Lavner Education | Chicago, IL June 2023 – August 2023
Information Technology Intern

- Managed software setup and technical troubleshooting for 30+ computers to ensure smooth use for students and employees
- Coordinated and supervised the activities of 30+ campers in a tech summer camp, ensuring their safety and well-being
- Provided instruction and guidance to 10 students a day on various aspects of programming and game development fundamentals

PROJECTS

Content Safety Classification Model for Trustworthy Machine Learning Course | *Python, PyTorch, Streamlit, Matplotlib* Spring 2025

- Developed and trained an NLP model using RoBERTa architecture to classify text for content safety, achieving 84% accuracy
- Implemented a real-time Streamlit web application that integrates the trained model, allowing users to evaluate content safety
- Designed and conducted adversarial attack demonstrations to identify model vulnerabilities and documented the findings

NFL Trade Analysis for Intro to Data Analysis and Mining | *Python, pandas, scikit-learn, Matplotlib* Fall 2024

- Developed an NFL Trade Impact Analysis Tool to predict changes in player performance following trades
- Processed a Kaggle dataset to calculate normalized performance scores, visualizing the results with a heatmap to highlight trends
- Built a Linear Regression model to forecast performance changes, evaluating accuracy with R^2 , RMSE, and MAE metrics

Fashion Forward for Intro to Artificial Intelligence Course | *Python, pandas, scikit-learn* Spring 2024

- Developed a Fashion Recommendation System, enabling users to receive clothing recommendations based on entered attributes
- Trained K-Nearest Neighbors, Random Forest, and Decision Tree models on 45,000 clothing items using scikit-learn
- Evaluated recommendation accuracy by computing cosine similarity between user preferences and predicted items

StudyBuzz MVP for HackTX | *Python, HTML, CSS, JavaScript, PyTorch, Node.js, React, Flask* Fall 2023

- Built a prototype web app to generate concise and informative AI-powered summaries of lecture content
- Trained a machine learning model on a dataset of 6500+ books to generate accurate summaries of lecture video files
- Integrated React.js and Flask to create a dynamic frontend with a scalable and Python-powered backend

STUDENT INVOLVEMENT

StudyBuzz | Bloomington, IN Fall 2023 – Spring 2024
Co-Founder

- Pioneered a machine learning-driven EdTech app, aimed at creating a streamlined platform for student-educator engagement
- Collaborated in the active development of the software, leveraging collective expertise to drive progress and innovation
- Selected to join the Shoebox, IU's premier student startup incubator designed to provide invaluable guidance to student founders

Kappa Sigma Fraternity | Bloomington, IN Spring 2023 – Present
Founding Member, Merchandise Chair

- Contributed to the renewal of the Beta Theta chapter by leading community service and new member recruitment efforts
- Designed and edited original custom merchandise designs for 140+ fraternity members utilizing Photoshop and Adobe Illustrator

SKILLS

Programming Languages: Python, Java (Swing), R, SQL | **Web Development:** HTML, CSS, JavaScript, Flask
Software: Jupyter Notebook, Figma, Microsoft Office (Excel, PowerPoint, Word), Microsoft Azure, GitHub, Visual Studio Code
Libraries: TensorFlow, pandas, PyTorch, NumPy, JUnit, Streamlit, React, Node.js, scikit-learn, Matplotlib | **Spoken Languages:** Greek, Spanish

HONORS AND AWARDS

Hoosier Scholar Community (Fall 2022 – Present) | **Dean's List (Fall 2022, Spring 2023)** | **CSCI Scholarship (Fall 2023, Spring 2024)**