Chris Haleas

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EDUCATION

Indiana University, Luddy School of Informatics, Computing, and Engineering | Bloomington, IN — Expected May 2026
Bachelor of Science — **GPA: 3.67**
Major: Computer Science, Specialization in Artificial Intelligence | **Minor:** Data Science | **Certificate:** Entrepreneurship
- **Hutton Honors College**: Selected to engage in an intensive curriculum of honors-level liberal arts and STEM courses

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 reservation 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

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

Insurance Chatbot | *Java, Swing*
- Developed an insurance chatbot to help enhance the insurance sales process by shortening lead generation and acquisition times
- Pitched the idea and working prototype to Aflac executives, garnering positive feedback and interest in potential implementation

AI Music Recommender for Inspirit AI | *Python, Jupyter Notebook, Streamlit, Pandas, TensorFlow, NumPy*
- Designed a machine learning music recommendation system to provide personalized and relevant music suggestions to users
- Implemented logistic regression and k-nearest neighbor algorithms based on user listening history to improve model accuracy

Fashion Forward for Intro to Artificial Intelligence Class | *Python, Pandas, scikit-learn*
- 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

STUDENT INVOLVEMENT

StudyBuzz | Bloomington, IN — September 2023 - Present
Co-Founder
- Pioneered a machine learning-driven EdTech app, aimed to create 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 — January 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 | **Operating Systems:** Windows
Libraries: TensorFlow, pandas, PyTorch, NumPy, JUnit, Streamlit, React, Node.js, scikit-learn | **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)