Connor Moss

Pittsburgh, PA 15239
Conmoss30@gmail.com | 412-979-4556
LinkedIn | Portfolio

PASSIONATE ABOUT HARNESSING CUTTING-EDGE AI TECHNOLOGIES (CURRENTLY HUGGING FACE / LANGCHAIN) TO DRIVE INNOVATIVE, DATA-DRIVEN SOLUTIONS AND PUSH THE BOUNDARIES OF ALL THINGS POSSIBLE

EXPERIENCE

Headstarter AI, *Software Engineering Fellowship*   *July 2024 – Sept 2024*

- Participated in the Headstarter Summer 2024 Fellowship, completing AI and web development projects, including a personal website, AI customer support systems, and AI-integrated flashcards, while actively engaging in mock interviews and collaborative team meetups.

Infoverity, *Technical Solutions Intern*   *May 2024 – Aug 2024*

- Developed a Proof of Concept (POC) for Nike, integrating multiple source profiles and enhancing data quality and governance
    - Leveraged Informatica CDGC to pull and integrate customer, product and purchase data into Databricks creating an efficient data pipeline
        - Designed interactive dashboard in Databricks with OOTB visualizations for easy monitoring of data quality rules and metadata characteristics
    - Collaborated with cross-functional teams to address data quality challenges and deliver actionable insights supporting Nike's strategic data initiatives
- Developed and implemented an AI Project Margin Analyzer
    - Designed a comprehensive data preprocessing pipeline to clean and transform historical project data
        - Included optionality for various null imputations, outlier handlings, and skewed distributions to increase user accessibility
    - Conducted advanced predictive modeling, utilizing MLR, Log regression and Gradient Boosting to achieve 84% accuracy in predicting project margin thresholds, while benchmarking against Databricks AutoML feature
        - Extracted feature importance to evaluate model performance, providing actionable insights to optimize project profitability
- Automated REST API workflows for efficient data retrieval and management
    - Leveraged Informatica's platform to improve data governance and operational efficiency
        - Executed a workflow process using ticket features to ensure periodic policy reviews, enhancing compliance and data governance standards

Langar Holdings, *Data Science Intern*   *May 2023 – May 2024*

- Led "Controversies" Project (AI Approach)
    - Spearheaded the development of an innovative AI-project management tool, seamlessly incorporating controversy tracking with LLM's with Hugging Face / LangChain
        - Managed prompt engineering-duties for public/private due diligence analysis
    - Provided POC for the software development team to continue on larger scale
    - Preformed Sensitivity / Specificity Analysis for created model with >85% Accuracy

- Developed and implemented a customized task management tool for summer interns to efficiently organize and track their tasks.
    - Integrated tool with relevant communication channels to facilitate seamless collaboration for 15+ interns

Kenyon College, *Sports Information Statistician*   *August 2022 – Present*
- Work under Sports Information Director on varsity sports statistics
    - Organize and manage in-game statistics ensuring accurate and up-to-date records for various sports teams.
    - Generate comprehensive reports based on compiled statistics to aid in team analysis and performance assessment

Education
                                                                                                                                                           2021-Present

Kenyon College '25, *Gambier, Ohio*
- Bachelor of Arts in Mathematics/Statistics: 3.84 GPA
    - (Concentration in Computer Science)
- Varsity Basketball Player
    - Play for the Kenyon Lords basketball program in the North Coast Athletic Conference (NCAC). For workouts, lifting, practice, meetings, and games takes between 16-30+ hours a week.
        - CSC Academic All-District
- Google Student Developers Club (GSDC) member
- Residential Advisor (RA)