Harris Hurley

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Skills & Expertise

FULL-STACK

React	Typescript	JavaScript
HTML5	CSS	SCSS
Node.js	Express	GraphQL
REST	SQL	NoSQL(MongoDB)
Google Cloud	AWS	Apollo
MaterialUI	Vite	Bcrypt
JWT	MERN	PWA

MACHINE LEARNING

Python	Scikit-Learn	Data Ethics
Preprocessing	Clustering	Classification
Regression	Neural Networks	PyTorch
TensorFlow	Data Cleaning	Computer Vision
Data Visualization	MATLAB	NLP

GitHub [GitHub Profile]

Real Estate Price Prediction - Machine Learning [Repo]
▪ Designed a Python script for real estate price prediction, focusing on effective feature engineering (target encoding, interaction terms) and data preprocessing. The model, a Stacking Regressor utilizing XGBoost and Gradient Boosting, was rigorously evaluated and visualized for optimal performance.
▪ Tools: XGBoost, Sklearn, Stacking Regressor, SHAP, Matplotlib/Seaborn

Social Event Service - Full Stack [Repo] [Deployed URL]
▪ Designed as a platform for users to post and view events. GigaChat focuses on event posting and sharing and offers a simple and intuitive user experience.
▪ Tools: Google Console, GraphQL/Apollo Server, Typescript, SCSS

My React Portfolio - Full Stack [Repo] [Deployed URL]
▪ Designed and developed a dynamic single-page React application for my professional portfolio. The portfolio showcases full-stack project work with links to deployed applications and GitHub repositories.
▪ Tools: React, Vite, Bootstrap

EDUCATION

Southern Methodist University - *Certificate, AI Development*   *Oct 2024 - Present*
▪ Developed advanced machine learning models using Python, TensorFlow, and scikit-learn to drive predictive forecasting and data-driven insights. Applied best practices in data sourcing, preparation, and model performance evaluation.
▪ Optimized data sourcing, preparation, and model evaluation techniques, implementing noise reduction and rebalancing datasets to ensure high accuracy, reliability, and scalable AI solutions.

Southern Methodist University - *Certificate, Full-Stack Web Development*   *Feb 2024 - Aug 2024*
▪ Developed and deployed scalable full-stack web applications using MERN stack, ensuring seamless client-server interactions via RESTful and GraphQL APIs.
▪ Implemented best practices in software development, focusing on modular design, test-driven development, and continuous integration to ensure robust and maintainable codebases.
▪ Collaborated in agile team environments, employing Git version control to manage codebases and deliver responsive, performance-optimized web applications that meet modern user expectations.

EXPERIENCE

Jackson Armory - *Online Merchandise*   *Feb 2024 - May 2024*
Bistro 31 - *Server*   *Jul 2023 - Jan 2024*
Café Pacific - *Server/Bartender*   *Jun 2021 - May 2023*
- *At the ripe age of 19, I found myself behind a bar in a fine dining restaurant. This role refined my ability to engage in sophisticated conversations and cater to discerning clients who appreciated fine wine —and, apparently, fresh-faced bartenders.*