YuhAn Yin
Data Science & Analytics

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SKILLS

- **Languages:** Python (Pandas, NumPy, Scikit-learn, TensorFlow, PyTorch, Keras), SQL, R, Java, VBA, Node.js
- **Tools:** GitHub, JIRA, Tableau, Power BI, Databricks, GCP (BigQuery), Azure, Excel, MongoDB, Neo4j, PySpark
- **Methodologies:** Machine Learning (Time Series Forecasting, Random Forests, Decision Trees) ETL, A/B Testing, Experimental Design, Data Mining, Statistics/Bayesian Statistics

WORK EXPERIENCE

ACME - Data Analyst (Team Lead 2020 - 2023)
Mar 2019 - Mar 2023   Los Angeles, CA

- Led the initiative to extract and combine data from diverse sources, implementing **ETL** procedures and crafting **SQL** queries to enhance account insights and data accuracy for eCommerce BI unit
- Developed comprehensive visualization dashboards using **Power BI** and **Excel** for consistent and accurate reporting, enabling informed decision-making across sales, product, marketing, and supply chain teams
- Engaged in consultations with account managers and top-level executives, offering expertise in strategic researches, analysis, and industry trends, and contributing valuable insights
- Collaborated with various functional and technical teams to deploy **predictive models** and **time series forecasting techniques** for sales and inventory-level analysis, resulting in a remarkable 213% annual incremental revenue increase for a standout eCommerce account
- Guided a team of 4 within the eCommerce BI division, spearheading the development of hypotheses and analytical strategies, while ensuring the proficient execution of analysis and **A/B testing** approaches

HIPR - Full Stack Software Developer
Nov 2018 - Mar 2019   Pasadena, CA

- Built a Case Management System for immigration law firms utilizing **PHP**, **CSS**, **HTML**, and **JavaScript** with Laravel framework and VueJS, resulting in a significant increase in operational efficiency
- Implemented a **RESTful API** to extract and transform data from client's immigration document images
- Provided technical supports including debugged, analyzed, and solved software issues to internal staffs

RELEVANT EXPERIENCE

Wheatland Care Association - File Management Project
May 2023 - August 2023   Remote

- Enhanced the management of sizable data files, surpassing the 16MB threshold, by enabling smooth document uploads to MongoDB via Mongoose GridFS

DePuy Synthes Spine Company - Capstone Analytics Project
Jan 2018 - Apr 2018   Boston, MA

- Established and visualized a spine surgeons engagement tracker, utilizing **R** to analyze surgeon data and uncover valuable correlations using geographical analysis. Enabled data-driven decision-making, resulting in improved surgeon engagement and enhanced operational efficiency

Piece by Piece Company - Experiential Network Project
Jan 2018 - Apr 2018   Boston, MA

- Provided support in optimizing warehousing services using **linear programming**, enhancing storage decision-making processes to address space constraints issue

EDUCATION

Northeastern University - M.S., Master of Informatics, GPA 3.9/4.0   Boston, MA
2016 - 2018

National Central University - B.S., Management Information System   Taoyuan City, Taiwan
2011 - 2014