

YuhAn Yin

Data Scientist & Analyst

fishmo12@gmail.com (781) 392-5381 San Jose, CA



SKILLS

- SQL (SQL Server, MySQL, SQLite), R/ Tableau/ Excel/ VBA/ Google Sheets/ Microsoft Power BI
- Python (Pandas, NumPy, SciPy, matplotlib, ggplot2, BeautifulSoup2, Selenium)

WORK EXPERIENCE

ACME - Data Analyst (Team Lead 2020 - 2023)

Mar 2019 - Mar 2023

Los Angeles, CA

- Played a key role in developing comprehensive eCommerce sales dashboards that utilized order purchase history and customer data, resulting in consistent and accurate reporting (Excel and Tableau) for informed decision-making across the company, including sales, marketing, supplier chain, and sourcing teams. Improved efficiency by saving over 15 hours per week spent on manual data entry
- Leveraged Python (Pandas, NumPy, Selenium, and etc), SQL, and R to proficiently perform data cleaning, analysis, manipulation, and web scraping, generating valuable insights to support business objectives
- Optimized database efficiency and performance by developing custom SQL scripts using SSRS. Enhanced overall system performance and reduced data load time by leveraging various functions
- Oversee a 4-person eCommerce business intelligence team, manage data analytics on an enterprise scale, and ensure appropriate implementation of analysis, predictive modeling, and deep learning approaches
- Implemented advanced data analysis techniques, including the Apriori algorithm, to achieve an impressive 213% annual incremental revenue increase for a standout eCommerce account

HIPR - Full Stack Software Developer

Nov 2018 - Mar 2019

Pasadena, CA

- Developed 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 into a proper JSON format, resulting in a significant time savings of 20 hours per week
- Provided technical supports including debugged, analyzed, and solved software issues to internal staff

DePuy Synthes Spine Company - Capstone Project

Jan 2018 - Apr 2018

Boston, MA

- Created comprehensive cloud-based Excel spreadsheets and designed a user-friendly search dashboard to support cross-functional teams in conducting data analytics on customer information
- Developed 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 website design and played a key role in optimizing warehousing services using linear programming, enhancing storage decision-making processes to address space constraints issue, resulting in a 15% increase in space utilization and a 10% improvement in inventory management efficiency

Yang Ming Tek Computer INC - Software Engineer

Aug 2013 - Oct 2014

Taipei, Taiwan

- Developed advanced features using ASP.NET and VB.NET for mid-sized hospital software systems
- Collaborated with project managers, QA testers, and customers to improve decision making and uncover opportunities to deliver new business value through software system
- Played a key role in upgrading outdated information systems by converting VB6 code to VB.NET, resulting in improved performance, implementation inheritance, and structured exception handling

EDUCATION

Northeastern University - M.S., Master of Informatics, GPA 3.9/4.0

2016 - 2018

Boston, MA

National Central University - B.S., Management Information System

2011 - 2015

Taoyuan City, Taiwan