YuhAn Yin
Data Science & Analytics

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SKILLS

- Python (Pandas, NumPy, SciPy, matplotlib, selenium), SQL, R, Tableau, Power BI, Excel, VBA
- Statistics (time series forecasting), Machine learning (classification, regression), A/B Testing

WORK EXPERIENCE

ACME - Data Analyst (Team Lead 2020 - 2023)
Mar 2019 - Mar 2023   Los Angeles, CA
- Developed comprehensive **visualization dashboards** using **R and Tableau** in consistent and accurate reporting for informed decision-making across sales, product, marketing, and supply chain teams
- Leveraged **Python** (Pandas, NumPy, Selenium, and etc) and **SQL** to proficiently perform **data cleaning, manipulation, and web scraping**, generating valuable insights to support business objectives
- Led a 4-person eCommerce business intelligence team, developing hypotheses and analytics strategies on an enterprise scale, and ensure appropriate implementation of analysis and **A/B testing** approaches
- Successfully interpreted data to **identify key metrics** in eCommerce business for product selections, and draw conclusions from large datasets using **Python**, 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
- 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 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 staffs

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 delivery 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- Played a key role in upgrading outdated information systems by converting VB6 code to VB.NET, resulting in improved performance, implementation inheritance, and structured exception handling

RELEVANT EXPERIENCE (School Project)

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
- 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

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

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