

Tristin Tsun

Salt Lake City, UT • (208) 869-4801 • tristin.tsun@gmail.com
<https://www.linkedin.com/in/TristinTsun/>

EDUCATION

University of Utah, David Eccles School of Business

Bachelor of Science, Information Systems

Spring 2022

Salt Lake City, UT

- Related Coursework: Python Data Wrangling, Database Fundamentals, Systems Analysis and Design, Web Based Applications, Data Structures and Java, Programming with Python, Networking and Servers, Telecommunications and Security

University of Oregon

Software Development Coding Bootcamp

Oct. 2024 – Present

Remote

- Front-End: Develop responsive web applications using HTML, CSS, and JavaScript
 - Portfolio: Building a client-side web application integrating third-party APIs
- Back-End: Experience with Node.js, Express.js, and NoSQL for full-stack development
 - Portfolio: Creating a full-stack app with RESTful API architecture
- Performance Optimization: Leverage MongoDB, React, and PWAs for improved performance and scalability
 - Portfolio: Engineering a MERN stack app with full CRUD functionality

SKILLS

Data Analytics: Python (Pandas, Matplotlib, NumPy, BeautifulSoup), Jupyter Notebooks, Domo

Programming: MySQL, Python (PCEP – Certified Entry-Level Python Programmer), Java, Xcode, Programming Logic controller (PLC)

Systems Analysis: Systems Development Life Cycle

Web Development: HTML, CSS, JavaScript

Hardware: Memory, Graphics Cards, Hard Drives, Power Supplies

Flowchart Software: Lucidchart

Bilingual in English and Chinese

EXPERIENCE

Sr System Field Analyst

Symbotic

Oct. 2022 – June. 2024

Wilmington, MA

- Traveled to multiple Walmart distribution centers to guide site team, including general managers and system engineers, in optimizing system performance to achieve automation throughput contractual agreements
- Utilized Python libraries such as Pandas, NumPy, Matplotlib and Seaborn to automate extracted data from SQL into Excel for data analysis and visualization, identifying systemic and operational matters that require improvement
- Optimized system performance by collaborating with industrial control engineers and software engineers to resolve issues identified in Programmable Logic Controllers
- Presented weekly key performance metrics and customer-specific daily reports to inform shareholders of operational progress and system performance
- Successfully achieved final acceptance of the Symbotic system at six customer sites, managing the process from Go-live to customer handover

PROJECTS

Python Data Wrangling

Jan. – Apr. 2022

- Analyzed parsed data in Jupyter Notebooks with different analytical techniques
- Presented major findings and statistics calculated for the research topic

Database Fundamentals

Jan. – Apr. 2021

- Designed a modifiable MySQL database to fulfill the business needs of local restaurant

Game Day Analytics Challenge

Feb. 2021

- Analyzed parsed data from 64 Super Bowl ads with 1.1 million tweets through Twitter API to measure brand effectiveness
- Performed VADER Sentiment Analysis on Twitter data set in Python to determine sentiment score
- Presented white paper and insights to panel of sponsor companies