

Jan Dao

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Education

MSc in Software Engineering

Open University, Israel

Graduated: 2023

Specialization in C++, Python, and C#

Focus on software development, data analysis, and optimization

Professional Experience

Data Analyst Intern XYZ Tech Solutions | Tel Aviv, Israel

Dates: March 2023 - Present

- Conducted data analysis on large datasets using Python, SQL, and Excel to identify trends and patterns.
- Developed data models and performed regression analysis to predict key business metrics.
- Automated data cleaning and processing workflows, reducing manual effort by 30%.
- Created interactive dashboards using Tableau to visualize and communicate findings to stakeholders.
- Assisted in designing experiments and A/B tests to assess business strategies.

Software Engineer Intern Tech Innovations Ltd. | Tel Aviv, Israel

Dates: June 2022 - August 2022

- Developed and optimized C++ and Python scripts for internal tools, improving system performance.
- Participated in Agile development sprints, collaborating with cross-functional teams to implement features.
- Assisted in database management and optimization using MySQL.
- Wrote automated unit tests and participated in code reviews to ensure high-quality software delivery.

Technical Skills

Programming Languages: Python, SQL, C++, R

Data Analysis Tools: Pandas, NumPy, Matplotlib, Seaborn

Business Intelligence Tools: Tableau, Power BI

Databases: MySQL, PostgreSQL, MongoDB

Data Visualization: Excel (Advanced), Google Data Studio

Machine Learning: Scikit-learn, TensorFlow (basic knowledge)

Development Tools: Jupyter Notebooks, PyCharm, VS Code

Version Control: Git, GitHub

Additional Skills

- **Analytical Thinking:** Strong ability to analyze large datasets and derive actionable insights.
- **Data Storytelling:** Expertise in visualizing complex data for effective communication.
- **Problem-Solving:** Proficient in identifying inefficiencies and optimizing workflows.
- **Team Collaboration:** Experience working in Agile teams.
- **Time Management:** Skilled in managing multiple projects simultaneously.
- **Fast Learner:** Eager to learn new technologies and adapt to changes.

Languages

Hebrew - Native

English - Fluent (Written and Spoken)