

JACK(YARON) YAKOV AMICHAÏ

EXPERIENCE

Apr 2025
Present

BUSINESS ANALYST INTERN Adi Ohayon | Hybrid

- Revenue Optimization: Learning how to develop and implement pricing strategies to maximize hotel revenue and profitability.
- Market & Competitor Analysis: Gaining expertise in analyzing demand trends, seasonal variations, and competitor pricing models.
- Customer Journey Understanding: Evaluating booking patterns, guest preferences, and engagement touchpoints to improve customer experience
- Data-Driven Decision Making: Working with advanced analytics tools to interpret performance metrics and forecast revenue trends.
- Cross-Department Collaboration: Engaging with sales, marketing, and operations teams to align strategies for increased revenue generation.

Oct 2020
Nov 2022

RESEARCH ASSISTANT AND TEAM COORDINATOR Technion - Israel Institute of Technology | Haifa

- Led cross-functional research teams, streamlining workflows and optimizing documentation processes to enhance efficiency and project tracking.
- Managed project timelines, coordinated task allocation, and ensured seamless collaboration between technical staff and research personnel to align research objectives with execution.
- Developed and optimized software solutions in Python and Java to support experimental processes, automate data collection, and improve analytical capabilities.

Jan 2020
Sep 2020

RESEARCH PROJECT MANAGER & SOFTWARE ENGINEER, PROJECT ALPHA Hebrew University of Jerusalem | Jerusalem

- Co-managed Project Alpha alongside MSc supervisor, coordinating between research teams and technical groups
- Led the implementation and deployment of complex data models, showcasing strong technical project management
- Bridged communication gap between technical teams and research stakeholders
- Established project timelines, milestones, and deliverables while ensuring alignment with research objectives
- Led backend development efforts, integrating cutting-edge 3D astrophysics simulations with C++ and Python on Blender and Jupyter Notebook

Mar 2017
Aug 2018

MILITARY STAFF SERGEANT Israeli Defense Force | Israel

- Led and managed teams in high-pressure environments, demonstrating leadership and decision-making abilities
- Successfully managed crisis situations through effective communication and quick decision-making
- Injured combat veteran, released on highest honors

EDUCATION

Aug 2020
Dec 2024

BA-PSYCHOLOGY AND APPLIED COMPUTER SCIENCE Open University of Israel

- Relevant Coursework: Advanced Statistics, Data Analysis with SPSS, Database Management Systems (SQL), Research Methods, Applied Programming
- Developed strong analytical and quantitative skills through psychology research methods training
- Gained practical experience in database management and data analysis tools

PROJECTS

SEO & Marketing for Online Shopping Platform**

- Developed and managed an online store on Shopify, implementing strategies to enhance search engine visibility (SEO) and drive traffic. Executed a 40% additional engagement through both paid marketing campaigns (Google Ads) and organic social media marketing (Facebook) to optimize reach and sales.
- Developed an ML-powered stock market prediction model using Python.
- This project involved web scraping data from Yahoo Finance, data preprocessing, feature engineering (including technical indicators), and training a RandomForestRegressor model to predict 5-day stock price targets. Skills utilized: web scraping (Beautiful Soup, Requests), data manipulation (Pandas), technical analysis (TA-Lib), and machine learning (Scikit-learn).

VOLUNTEER

- Project Lead & Developer | Memorial Website (octSeven) & Lira Shapira Application 2024
- Spearheaded development and project management of two high-impact community projects
- Coordinated with stakeholders to gather requirements and translate them into actionable development plans
- Managed project timelines and resource allocation while maintaining sensitivity to project objectives



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OBJECTIVE

Aspiring tech project manager and business analyst with a background in psychology and computer science. Proven ability to lead cross-functional teams, build data-driven tools, and optimize workflows. Seeking to apply my skills to deliver scalable solutions in fast-paced tech environments.

SKILLS

- Data & Analysis: SPSS, Excel, Pandas, Scikit-learn, TA-Lib
- Backend Programming: Java, Python, C++
- Project Management: Agile, Scrum, Workflow Optimization
- Business Development: Strategic Analysis, Customer Journey Mapping, Revenue Management, Market Expansion

LANGUAGES

- English | Native
- Hebrew | Native
- German | Advanced. A1
- Spanish | Advanced. A1