

Nir Kaldero | CV

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CAREER SUMMARY

A **Data Scientist** and an **Economist** that accomplished *Strategic Consultant* and *Applied Economics Research* with deep understanding of Industrial Organizations and Optimization Methods. Demonstrated ability to provide practical business insights from large, complex data sets and effectively leading and collaborating with multiple stakeholders to achieve and exceed organizational objectives. Specialize in spearheading high-performing teams and developing strategies across multiple verticals.

KEY SKILLS

- Machine Learning
- Stochastic Process
- Real Analysis
- Choice Modeling
- Dynamic Analysis
- Time Series Analysis
- Artificial Intelligence (AI)
- Strategic Consulting & Thinking
- Economics research
- Econometrics
- Statistical Modeling
- Financial Modeling
- Experimental Design
- Industrial Organization
- Python
- Programing / CS
- Strategic Partnerships
- Business Judgment
- Presentation skills
- Statistical Packages
- Decision Making
- Leadership
- Strategic Vision
- Vision Development
- Project Management
- Lecturer
- High-performing Teams

PROFESSIONAL EXPERIENCE

General Assembly – San Francisco, CA

April 2014 – Present

Lead Instructor – Data Science

• Applying statistics and programming methods to make meaning out of large data sets by imparting how to analyze and manipulate data with Python in order to make predictions by using various statistical modeling and Machine Learning techniques that make better informed business decisions.

Achievements

- Redesigned and constructed the Data Science Curriculum to integrate Statistics and Computer Science concepts.
- Developed extensive problem-solving skills and solving data-driven problems.

Leading Courses and Workshops:

- Data Science (12 weeks Evening Course)
- Python for Data Analysis
- Applied Statistic for Data Science
- Machine Learning for Data Science
- Introduction to SQL

Independent Consultant – San Francisco, CA

2013 – Present

• Applying statistics and Machine Learning techniques to inform companies of decision making strategies by leveraging Data and optimizing operational matrices in order to help answer important questions and make consequent recommendations to accelerate performances.

Sample Projects

- Predicting Churn Rate (Advertising Company)
- Understanding Product's Choice (Tech Company)
- Re-Targeting and Converting users via Indifference-Point Models (Tech Company)
- Optimizing and Restructuring sTasks (IDF)
- Re-acquiring and Converting Customer via Indifference Point Strategy (B2B)

UNIVERSITY OF CALIFORNIA - Berkeley, CA

May 2013 – Present

Research Scholar/ Data Scientist

• Conducted a collaborative research for Dr. Ben Handel, University of California, Berkeley, Department of Economics and Dr. Jonathan T. Kolstad, The Wharton School, University of Pennsylvania and Professor.

• Performed detailed background research on new high scale projects in the Health Insurance Market in the United States.

Achievements

- Constructed econometric-structural models for identifying different incentives scheme (IT, P4Q, etc.).
- Completed quantitative and analyses using a large data set, and derived strategic recommendations, which would improve performance in the Health Insurance industry.
- Created future experimental design for deriving counterfactuals.

MACCABI WORLD UNION (MWU, Non-Profit organization) – Tel-Aviv, Israel
Maccabi Young Leaders Committee (YLC), Consultant and Team Leader

January 2012 – January 2013

- Developed, presented and led new business plan and strategy for 2012-2013.

Achievements

- Influenced and reshaped group's vision by building marketing plan, which resulted in organization's donations rising by 400% that year.

CADILLAC, UNIVERSAL MOTORS – Herzliya, Israel

January 2012 – November 2012

Advisor, Data Scientist (Strategy and Vision)

- Constructed and presented new marketing strategy utilizing economics/finance models toward more efficient outcomes.
- Analyzed current business performances and identified levers. Examined prices in market as a barometer for designing a future strategy that would improve overall results.

Achievements

- Improved understanding of advertisement segmentation/online advertising industry throughout company.
- Helped construct marketing and customer relations budget for 2012-2013.

MILITARY DUTY INTELLIGENCE CORPS, ISRAEL DEFENSE FORCES (IDF)

May 2007 – August 2010

Data Scientist Commander

- Collaborated with engineering team to design and implement a new (award winning) system for controlling and managing yearly budget and human resources for a major unit in the IDF. System was then utilized through all of Intelligence Corps.
- Created, presented and defined statistical measures and data for 4 status assessments to improve performances.
- Worked with the most senior hierarchy officials of the IDF.

Achievements

- Received recognition from highest authority in the Intelligence Corps for system that team designed.
- Earned award - Best Soldier, Intelligence Force; 2009
- Developed new methodology for maximizing unit's yearly budget with respect to past trends and shocks and optimized budgets constraints. Constructed new method for optimizing retirement quotas.
- Actively participated in 4 yearly integrations, 12 status assessments and 2 wars for creating, reshaping and constructing unit's budget roadmap/best response strategies for everyday operation.

OVERSEAS REPRESENTATION SERVICES (ORS) – Tel-Aviv, Israel

September 2006 – March 2007

Personal Assistant to CFO, Human Resources

- Analyzed, built and presented statistical data to senior management.

Achievements

- Led, restructured and executed a new data system for company.
- Managed multiple projects in a cross functional environment (among high officials).

EDUCATION

University of California - Berkeley, CA – *Research Scholar / Doctoral level experience in Applied Economics; 2012 – 2014*

- Completed 3 semesters of doctoral courses at UC Berkeley in Applied Economics and Industrial Organizations.
- Personally invited by the Economics Chair to serve as a Research Scholar.
- Completed a Research Paper for the National Bureau of Economics Research Journal in Industrial Organization.
- Wrote more than 7 Research papers across the Economics, Finance and Marketing fields.

University of California - Berkeley, CA - *Visiting Student, Berkeley Economics Semester Abroad Program (BESAP); 2012*

- Enrolled exclusively in PhD courses, which is unique since other study abroad students took undergraduate level courses.

The Interdisciplinary Center - Herzliya (IDC) - *Bachelor in Economics and Business Administration (minor); May 2012*

- Dean's Honors Program, Finished 3 year program in 2 years

COMPUTER SKILLS

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- Professional in Python, Stata, SQL, LaTeX, Microsoft Office
 - Advanced knowledge in Mata and Matlab, R, JSON, Oracle platform, Julia