

Noa Tamir

My multidisciplinary background has given me a strong foundation to answer interesting questions using data, analytical techniques and visualisations. In my work I break down technical and conceptual complexities and focus on providing clear and compelling insights to stakeholders. I use storytelling techniques to foster a data culture, communicate insights and strengthen data science and analytics as an effective organisational function.

PROFESSIONAL EXPERIENCE *Director of Data Science* *October 2018 - Present*

AUTO1 Group, Berlin, Germany

- Lead two Data Science team, that deliver Machine Learning data applications and quantitative insights to AUTO1's executives, and the technology, product and marketing departments

Data Science Team Lead

June 2017 - September 2018

Babbel, Berlin, Germany

- Managed a team of 8 data scientists and analysts, that delivers quantitative insights to Babbel's marketing and product departments

Senior Data Scientist and Acting Technical Lead

April 2016 - May 2017

King, Berlin and London, Germany

- Quantitative research to improve the performance of King's two largest franchises, Candy Crush and Farm Heroes, for nearly 400 million monthly active users
- Led data science teams in Berlin & London
- Created King's data science onboarding training spanning from data warehouse, experiment design to business insights for the 60+ data science community
- Organised the internal data science conference for 100+ attendees
- Supported games in all development phases

Data Scientist

April 2015 - March 2016

King, Berlin, Germany

- Design experiments to evaluate feature performance, user behaviour and long term trends
- Design new data models
- Led the tracking testing automation implementation, creating the first large scale successful collaboration of game developers, data engineers, game QA and data scientists

Account and Project Executive

April 2010 - June 2011

Nascent, Tel Aviv, Israel (now Designit Tel Aviv)

- Managed a team of 10 designers, user experience specialists and developers
- Raised project profitability from losses and minor profits to 25-30% profit across projects by developing agile and waterfall methodologies and improving internal communication

Project Manager and Customer Support January 2009 - April 2010
ImageSat International, Tel Aviv, Israel

- Provided single point of contact to customers on five continents
- Defined and prioritized project execution and optimized satellites' resource allocation
- Developed in-house software solutions to improve marketing activities and internal communication

Satellite Systems Operator August 2006 - December 2008
ImageSat International, Tel Aviv, Israel

- Controlled and operated satellites in real-time
- Planned satellite operation activities
- Managed process and functional reliability assurance

System Specialist September 2002 - September 2004
Satellite Unit 9900, Israel Defence Forces, Israel

- Ideated a significant system efficiency improvement and collaborated with civilian scientists in research and development
 - Commanded a systems management course, certified as an instructor
 - Developed software and automated software quality assurance
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EDUCATION

Master of Research, Economics Class of 2014

European University Institute, Florence, Italy
Admitted with full OEAD scholarship

Master of Science, Economics and Management Science Class of 2013

Humboldt Universität zu Berlin, MEMS program, Germany
Concentration: macroeconomics, labor economics and finance
Thesis Topic: Numerical Analysis of the Linearized Quadratic Eigenvalue Problem in Macroeconomics

Bachelor of Science, Physics Class of 2009

Tel Aviv University, School of Physics and Astronomy, Israel
Concentration: astrophysics and applied physics

ACADEMIC EXPERIENCE

Research Assistant part-time 2012-2013

Professor Ostap Ohkrin, Chair of Statistics

Professor Michael Burda, Chair of Theoretical Macro and Labour Economics

- Edited a textbook, "Basics Elements of Computational Statistics"
- Conducted research in macroeconomics
- Proofread and edited articles before publishing (English)

Teaching Assistant part-time 2012-2013

Professor Monique Ebell, Chair of Macroeconomics and Financial Markets

- Taught the tutorial session of "Numerical Methods for Quantitative Macroeconomics", a PhD level course
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COMPUTER SKILLS

Languages & Software: SQL, Hadoop, Hive, ExaSol, R, RStudio, Shiny, Plotly, Python, AWS, C Shell scripting, Matlab, L^AT_EX, Fortran, C, Pascal, Ruby on Rails, HTML, CSS, Microsoft Office, OpenOffice, iWork
Operating Systems: Microsoft Windows, Apple OS X, HP-UX
Websites: Website management & analytics systems, social media

LANGUAGES

Fluent: English and Hebrew (C2), *Intermediate:* German (B1)

NATIONALITIES

Israel, Austria

EXTRA-CURRICULAR ACTIVITIES

Main Organiser, satRday Berlin, Open Source Community Conference, 2019
Organiser, RLadies Meetup, Berlin, 2016-present
Student, Bayesian Statistics MOOC, Duke, 2017
Student, Machine Learning MOOCs, Stanford and Caltech, 2014
Participant and Instructor, StandWithUs Fellowship Program, 2009 and 2011
Student, Theology, philosophy and cultural studies, Bina, 2009
Instructor, Debate and speech writing at Tel Aviv University, College of Management Academic Studies and Rotary Club Natanya, 2008-2009
President, Tel Aviv University Debating Society, 2007
Tutor, Science at an elementary school, Perach Tutorial Project, 2006
