Daniel J. Mankowitz

PERSONAL DETAILS

Date of birth:	**01-07-1986**
Nationality:	**Israeli, South African**
Languages:	**English** (Native), **Hebrew** (Fluent), **Mandarin Chinese** (Intermediate), **Afrikaans** (Intermediate)
Email:	**daniel.mankowitz@gmail.com**
Linkedin:	**Link**
Personal Website:	**Link**

GOOGLE FELLOWSHIP AWARD

Google PhD Fellowship Recipient	*2016*

Selected among 9 Machine Learning Researchers from around the world by Google for this award

TECHNICAL SKILLS

Programming Languages	Additional expertise	Platforms and Applications
Tensorflow, PyTorch, Keras, Python, Lua, C++, C, Java, Android Java, iOS, Matlab	*Pandas, OpenCV, Robot Operating System (ROS),* PHP, MySQL, HTML, XML	Linux, Windows, Eclipse, Netbeans, Java Enterprise Edition (JEE), Glassfish, Latex

EMPLOYMENT HISTORY

Company	Position	Key Responsibilities	Duration
Ethos	**CTO & Co-Founder**	Building the technology to match people with opportunities using AI	June 2024-Present
Deepmind, London, UK	**Staff Research Scientist**	Leading multiple teams of 20+ researchers and engineers and managing a portfolio of projects that work on incorporating Reinforcement Learning into Google-scale problems; **10+ product launches**	March 2022-April 2024
Deepmind, London, UK	**Senior Research Scientist**	Working on incorporating Reinforcement Learning into Google-scale problems	August 2020-March 2022
Deepmind, London, UK	**Research Scientist**	Working on incorporating Reinforcement Learning into Google-scale problems	April 2018-August 2020
Deepmind, London, UK	**Research Scientist Intern**	I worked in David Silver's RL team on Hierarchical Reinforcement Learning algorithms	July 2017-October 2017

WalmartLabs, Sunnyvale, California	**Research Scientist Intern**	Working for the eCommerce Team at Walmart developing active learning and Reinforcement Learning algorithms	June 2016 – October 2016
Fitterli (www.fitterli.com), Israel	**Co-Founder**	Business development, customer relations, technological development	*(1 year, 8 months)* 2014-2015
Team ROBIL, ROBIL-2, DARPA Robotics Challenge, Israel	**Robotics Software Developer**	Developed object recognition algorithms for an *Atlas* humanoid robot. Developed Visual Odometry algorithms	*(1 year, 4 months)* 2013-2014

EDUCATION

University	Degree	Grade	Duration
Technion, Israel Institute of Technology	*PhD Reinforcement Learning*	*97.5% (Cum Laude)*	March 2014-February 2018
University of Edinburgh, Scotland	*MSc Artificial Intelligence Specializing in Robotics, Machine Learning and Computer Vision*	*84% (Cum Laude)*	Sept. 2011 – Sept. 2012
University of the Witwatersrand, South Africa	*BEng (Honours) Electrical Engineering*	*82% (Cum Laude)*	Jan. 2007 – Nov. 2010
Tel Aviv University, Israel	*Mechina Program*	*89% (Cum Laude)*	Sept. 2005 – Jul. 2006

NOTABLE NON-ACADEMIC ACHIEVEMENTS

Winner Intel Business Challenge Europe for my startup "Fitterli" (Out of a Pool of 4000 startup projects in Europe), Vilna, Lithuania (2014)

Top 25 Finalist (out of a pool of 20,000 startups from around the world), Intel Global Business Challenge for my startup "Fitterli", Berkeley,USA (2014)

Top 8 Finalist BizTec Competition for "Fitterli", Technion, Israel (2014)

Winner Technion 3 Day Startup Competition for "Fitterli", Technion, Israel (2014)

RoboCup 2013 Standard Platform League Participant: Member of Team Edinferno at the 17th annual RoboCup in Eindhoven, Netherlands. (2013)

Android Developer Challenge Sub-Saharan Africa Finalist: I co-developed one of the top ten Android social networking applications in Sub-Saharan Africa (2011)

Geo-Network Monitor: I released an Android application onto the Android Market. It has been downloaded in 93 different countries by over 1000 users. (2010)

NOTABLE ACADEMIC ACHIEVEMENTS

Technion Israel Institute of Technology

Google PhD Fellowship Recipient for 2016 – One of 9 Machine Learning researchers from around the world to have received this award (2016)

Organized four Reinforcement Learning workshops at ICML and NeurIPS - One such workshop had over 50 papers, 500 registered attendees and was one of the top five most popular workshops at ICML (2016-2021)

Deep Reinforcement Learning Lab - I co-founded a Deep RL Lab at the Technion which has currently over 15 projects and more than 30 students. The Lab already has three notable publications to its name. (2015-2018)

University of Edinburgh

Winner of the Intelligent Autonomous Robotics Competition – Goal: Build a robot that localises itself and performs certain navigation tasks in a 5 minute period (2011)

University of the Witwatersrand

Entelect Prize – The most distinguished final year student (Information Engineering Option) (2010)

Alcom Matomo Prize in Telecommunications - The final year student who submitted the best design or laboratory project in telecommunications (2010)

PATENTS AND PUBLICATIONS

***For the full list of patents and publications, please see my Google Scholar profile**