AMIT WOLFENFELD

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Senior Data Scientist

Summary

High-energy and results-oriented Senior Data Scientist with extensive experience in team building and leadership, product development, project management, compliance, and quality assurance.

Proven track record in fast-paced, highly competitive environments with a passion for innovation and teamwork that deliver successful solutions to complex projects that drive growth, productivity and reduced costs. Broad knowledge and experience of Data Science, Machine Learning, Big Data, Software development and Cloud Services.

Education

2010 - 2015

Master of Science, Electronic Engineering, Machine Learning

Technion - Israel Institute of Technology

- My research focused on the K-Dueling Bandit Problem where I developed online learning algorithms with partial feedback.
- Chief Instructor, Signals and Systems (2011 – 2012)

2004 - 2009

B.Sc Electronic Engineering & B.Sc Physics

Technion-Israel Institute of Technology

- Graduated with Honours, Cum Laude, in both Degrees
- Graduated 1st in class in the Technion's Prep-school.

Work experience

2018-11 - Current

Senior Data Scientist

Medisafe

- Building and maintaining next generation data tools and Machine Learning models to predict user activity and increase performance - activity and engagement using tools such as Spark ML and Sage Maker.
- Designing and maintaining Medisafe's operational and analytical cloud data infrastructure based on AWS EMR, S3, Athena, DynamoDB and more.

2016-09 - 2018-11

Data Scientist

Trax Retail

- Using analytical tools to extract valuable insights from data.
- Using machine learning and mathematical modelling to build models that help answer business questions.
- Work with engineers and product teams to integrate the models into products or new environments.
- Researching new ideas to extract value from raw data in the retail world.

2013-01 - 2016-09

CTO

Velis Media

Leading the technology front of an ad-tech company.

- Creator of Appolo – The online RTB system.
- Harnessing online and machine learning algorithms for superior trading performance.
- Founding and leading the R&D department, 8 group members, in an ever-changing environment while generating revenue and keeping to a high profit-margin.
- Leading products development process.
- Leading the company's innovation from research to production.

2010-08 - 2013-01	**Founder**
	HWD
	• Leading the product from the first stage to the last – Monthly profit of $20K.

2007-03 - 2009-12	**Verification Engineer**
	Mellanox Technologies
	Formal and Functional verification of Computer Communication devices.
	• Familiar with InfiniBand and Ethernet standards.
	• Working with IBM RuleBase and Cadence Specman Elite tools.

2007-03 - 2008-06	**Founder**
	Pgisha.co.il
	• Responsible for creating the website architecture and feature development.
	• Awarded "The Best Website of 2007 List" by Ynet and Yediot Ahronot, Israel's leading news publisher.
	• Won the Entrepreneurship Contest at the Technion.
	• Won "Reader's Favourite" in Entrepreneurship Competition at The Marker, Israel's premier finance magazine.

2003 - Current	**Chief Sergeant – Combat Engineering**
	Active Reserve Duty
	• Leading a team in the single active reserve duty battalion that operates the PUMA vehicle.