

Edward Mehr

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WORK EXPERIENCE

Insight Data Science, Palo Alto, CA | May-2018 to present

Data Product Management Fellow

Insight is a highly selective PM training program for AI with alumni running product teams at major AI companies such as Google.

- Architected a reinforcement learning service that automates the creation of control algorithms for complex machinery.
- Worked with simulation and control engineers to gather use cases, data, and requirements.
- Planned milestones and priorities and helped on technical challenges when necessary to unblock technical team member.

Relativity Space, Inglewood, CA | Aug-2016 to Apr-2018

Program Manager - Large Envelope Metal 3D Printing

Relativity Space develops metal 3D printing technology to automate rocket manufacturing.

- Hired and directed an interdisciplinary team of 8 to build the largest metal 3D printer in the world with a budget of \$4M a year.
- Architected and delivered the first version of the 3D printer. The printer was used to successfully raise above \$30M for series B.
- Developed industry's first control loop that uses machine learning to print geometries with materials that were not possible before.
- Joined company as one of the initial employees and built an IT infrastructure from scratch that spanned 3 different geographical sites.

Averon, Santa Monica, CA | Feb-2015 to May-2016

CTO & Founding Engineer

Averon provides seamless authentication solution using machine learning and novel verification factors from Internet's infrastructure.

- Designed and developed the first iteration of the authentication solution that was used to successfully raise above \$10M in series A.
- Presented the product to VCs and different conferences such as CableLab's Innovation Showcase and TechCrunch Disrupt.
- Lead an offsite development team of 4 in Argentina. Managed project's roadmap and ensured proper execution.

SpaceX, Hawthorne, CA | Jan-2014 to Mar-2015 & Jan-2016 to Aug-2016

Software Engineer

- Developed in-house configuration management system to manage configuration and deployment on 400 mission critical machines.
- Implemented a distributed test framework to do integration testing on in-house software. Tests caught many mission-critical bugs.
- Developed inventory management extension for automating quarterly cycle count that was used to count 17 warehouses in 3 days.

University of Southern California, Los Angeles, CA | May-2010 to Jul-2010 | Aug-2011 to Dec-2011

Statistical Machine Learning & Artificial Intelligence Research Assistant

- Used novel, nonlinear dimensionality reduction and clustering algorithms to reveal new insights regarding genes and birthplace.
- Researched pedagogical patterns in online educational forums using machine learning to help online instructors better help students.

Google, Microsoft, and Yahoo | Different cities in California and Washington | May-2011 to Jan-2014

Software Development Engineer - Intern

- Google (Reservation team in Ads org) : Worked on a machine learning pipeline to predict ads viewability to help users reserving ads.
- Microsoft (PowerPoint for Mac team) : Developed Notes View and parts of Presenter View for PowerPoint in iOS.
- Microsoft (Bing Experiences team) : Developed trending topics view, and voice search for Bing search app in windows 8.
- Yahoo : Used Node.js and Backbone to develop dynamic front-end widgets for movies, music, OMG, and TV portals.

Sony Electronics, Middle East | June-2006 to August-2008

Product Marketing Manager, Portable Audio, Media, Energy, and IT

- Conducted market research studies and sales reports analysis to identify market opportunities and forecast sales.
- Established and developed new distribution channels from scratch to \$30M in gross revenue.

EDUCATION

B.S. Candidate, Computer Science & Business Administration | University of Southern California, Los Angeles, CA | 2009 to 2013
Certification for Machine Learning and Deep Learning Specializations from Coursera - Andrew Ng's courses

TECHNICAL SKILLS

C++, Python, and Structured Text. Machine Learning with Keras. Industrial robots and control systems. Engineering Simulation.

INTERESTS

Reading Hacker News, Watching documentaries, Socializing, Mountain and Rock Climbing.