seeloz
AI SAVES THE WORLD

in

Mohamed Aly • 2nd
Building AI That Saves The World

Santa Clara, California

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seeloz	**Seeloz Inc.**
🏢	**University of Pittsburgh**
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I'm a firm believer in the power of AI-Driven Automation and the positive effect it'll bring to the world by boosting the human ability to tackle problems that are "Beyond Human Capacity".

At Seeloz, we're tackling one of these huge problems, namely that of waste across the food & healthcare supply chains, which happen to be 30% in developed countries.

Throughout my career, I was fortunate to develop a strong expertise in building large-scale ML/AI software platforms tackling several complex applications including user modeling & targeting, computational advertising & supply chain optimization.

Since 2007, I had the pleasure to work with some of the best data scientists and software engineers in the Silicon Valley and the world at Google Research & Yahoo! Research, and now at Seeloz.

My true passion lies in solving complex business problems at the enterprise space through Vertical-Specific AI-Driven solutions (aka, Vertical AI) that are seamlessly embedded in the daily workflows of the target audience.

Specialties: Machine Learning, Artificial Intelligence, Big Data, User Modeling, Computational Advertising, Behavioral Targeting, Supply Chain Optimization

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Highlights

2 Mutual Connections
You and Mohamed both know Reza Yoosoofmiya, Ph.D. and Razzak Lebbai, PhD

Activity
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People Also Viewed

Omar Bondogji • 3rd
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Graphic Designer

Amir A. Razelan • 2nd in
Managing the global operations of Seeloz Inc., an AI company. Managing Seeloz Malaysia, a subsidiary of Seeloz Inc.

Yasir Aladdin • 3rd
Top 1% Realtor Silicon Valley✦ Luxury Real Estate ✦ Market Specialist

Learn the skills Mohamed has

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Experience

Founder & CEO

Seeloz Inc.

Jan 2013 – Present · 6 yrs 3 mos

San Francisco Bay Area

Seeloz is an emerging leader in the Vertical-Specific AI-Driven software space (aka, Vertical AI), aiming at becoming one of the main catalysts of AI-driven Automation across the industry.

Driven by its mission to build "AI That Saves The World", Seeloz focuses on minimizing waste across the healthcare and food value chains.

Yahoo! Research

4 yrs 11 mos

Senior Research Engineer

Nov 2009 – Dec 2012 · 3 yrs 2 mos

As a member in the computational advertising team at Yahoo! Research, I was among the founding team of Yahoo!'s next-generation lookalike modeling platform.

After 3 years of tremendous work from an amazing team of data scientists and Big ... See more

Software Engineer

Feb 2008 – Nov 2009 · 1 yr 10 mos

Worked as a back-end software/research engineer in the Yahoo! Open Social platform, a new platform that is intended to rewire all the Yahoo! products to be more social.

My assignment involved designing and implementing new features in the platform a... See more

PhD Student

University of Pittsburgh

Aug 2004 – Apr 2009 · 4 yrs 9 mos

I pursued my PhD in large-scale information retrieval. My PhD research included developing energy-efficient information retrieval techniques for improves ad-hoc querying in sensor networks.

My research has been published in various leading Data Management and Information Retrieval conferences such as CIKM'06, GLOBECOM'07, and SECON'08. See less

Graduate Research Intern

Google Research

Feb 2007 – Jul 2007 · 6 mos

I was the liaison between a team of data scientists and a team of engineers, tackling the problem of improving AdSense performance on the MySpace social network using graph theory and machine learning techniques.

We developed robust algorithms to mine a network of 140 Million users. Our results got eventually applied, as is, on the Youtube graph, and got published at WWW'08. See less

Software Engineer

Bibliotheca Alexandrina (The new Library of Alexandria)

Aug 2002 – Jul 2004 · 2 yrs

- Administering more than 40 computer servers and 900 PCs with different computing environments, e.g. Unix, Windows, and Solaris.
- Implemented and operated a complete computerized gate security system for the library serving employees, members, and visitors. Took care of all the integration tasks wit... See more

Education

University of Pittsburgh
PhD, Computer Science
2004 – 2008

9 Patents

University of Pittsburgh
MS, Computer Science
2004 – 2007

Alexandria University
B.S., Computer Science and Engineering
1997 – 2002

Skills & Endorsements

Machine Learning · 99+

Endorsed by **Motaz El-Saban and 4 others who are highly skilled at this**

Endorsed by **4 of Mohamed's colleagues at Seeloz**

Big Data · 99+

Endorsed by **Adel Youssef, who is highly skilled at this**

Endorsed by **7 of Mohamed's colleagues at Seeloz**

Data Mining · 99+

Endorsed by **Haad Khan and 2 others who are highly skilled at this**

Endorsed by **4 of Mohamed's colleagues at Seeloz**

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Recommendations

Received (0)   Given (1)

Zulfiqar Taj
IT Director at Basamh Trading & Industries Group - Looking for new opportunities
November 28, 2018, Zulfiqar was a client of Mohamed's

I had the luxury and pleasure of working with Zulfiqar as part of Seeloz' AI-Driven Transformation Journey for Basamh Trading Company. Throughout the engagement, Zulfiqar has shown a tremendous level of leadership and ability to frame & help define the business requirements for AI-driven supply chain... See more

Accomplishments

8 Publications ⌄

Scalable Inference in Latent Variable Models • Web-Scale User Modeling for Targeting • Learning to Target: What Works for Behavioral Targeting • Scalable Distributed Inference of Dynamic User Interests for Behavioral Targeting • STDCS: Spatio-Temporal Data-Centric Storage for Real-Time Sensor Applications • Video Suggestion and Discovery for Youtube: Taking Random Walks through the View Graph • KDDCS: A Load-Balanced In-Network Data-Centric Storage Scheme in Sensor Network • Online Packet Admission and Oblivious Routing in Sensor Networks

3 Languages ⌄

Arabic • English • French

1 Patent ⌄

Traffic-oblivious load balancing protocol for sensor networks

Interests

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Egypt-Japan University of Scienc... 6,413 followers	**Machine Learning Connection** 30,849 members
Retail Management Executive Gr... 250,084 members	**Cognizant** 1,715,250 followers

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