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Reza Yoosoofmiya, Ph.D. • 1st

Sr. Data Scientist

Santa Clara, California

Message

More...

Seeloz


University of Pittsburgh

See contact info

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Experienced Senior Machine Learning Software Engineer with a demonstrated history of working in the computer and network security industry. Skilled in Machine Learning, Python, C++ and Data Mining. Strong engineering professional with a Doctor of Philosophy (PhD) focused in Physics from University of Pittsburgh.

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What is Reza's top skill?

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Programming

Science


Data Mining

Linux System Administration

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None of the above

Highlights



1 Mutual Connection

You and Reza both know Razzak Lebbai, PhD

Experience

seeloz

Sr. Data Scientist



Seeloz

Aug 2018 – Present · 8 mos

Santa Clara

Supply chain optimization leveraging machine learning tools. Time series analysis including


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People Also Viewed




Douglas W. Holbrook • 3rd

Sr. Director SSD Firmware Engineering at Intel Corporation




Denny Reinert • 3rd

VP Enterprise Sales at Sixgill LLC



Kathryn Evans • 3rd

Data Scientist at Factual Inc




Mauritius Schmidtler • 2nd

Director of Software Development, Webroot

Sima Moghaddam • 2nd

Graduate Research Assistant at Spatial Sciences Institute, University of Southern California





Nader Nada • 2nd

Regional Manager, Business Development Support


Khadiga Elhaddad • 3rd

Senior Product Manager at Seeloz Inc




Heidi Johannsen • 2nd 

Senior Channel Partner Manager at Seeloz

Sujay Natarajan • 2nd 

Data Services Engineer at Scholastic Inc.



Khaled Ibrahim • 3rd

Contract Management - IBM

Learn the skills Reza has

Data Science Foundations Fundamentals

Viewers: 192,166

https://www.linkedin.com/in/reza-yoosoofmiya-ph-d-117a7b6a/

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anomaly detection and forecasting. Deep learning applied to forecasting to improve upon traditional methods.



**Webroot**  
4 yrs 9 mos

- Sr. Software Developer - Machine Learning**  
Nov 2016 – Aug 2018 · 1 yr 10 mos  
Greater San Diego Area

Applying and researching machine learning techniques to identify malware and anomalies. Developing in house solutions for deep learning to handle massive data-sets in size and dimensionality.
- Machine Learning Researcher/ Software Engineer**  
Dec 2013 – Nov 2016 · 3 yrs  
Greater San Diego Area

Improved machine learning approaches to determine malware status of Portable Executable (PE) files, achieving high efficacy. Implemented AWS cloud based automated system to collect data with C# and Python. Maintaining and monitoring the classifier/data collection system.



**University of Pittsburgh**  
8 yrs 10 mos

- Research Assistant/ Scientist**  
May 2006 – May 2013 · 7 yrs 1 mo  
Greater Pittsburgh Area, CERN Switzerland

Worked as a physicist conducting research in world's leading particle physics laboratory. Developed computer algorithms and strategies in collaboration for search for heavy neutrinos in ATLAS experiment, CERN.  
Code developed using C++ and Python with Linux shell scripting... [See more](#)
- Lecturer/Teaching assistant**  
Aug 2004 – May 2008 · 3 yrs 10 mos

Lecturer – Physics 101 (Summer 2006-2007): Developed syllabus, course structure and administered grades for introductory level undergraduate physics course  
Teaching Assistant for physics classes: Conducting tutorials, grading exams and homework for introductory level undergraduate Physics courses

Education



**University of Pittsburgh**  
Doctor of Philosophy (PhD), Physics  
2006 – 2013

Licenses & Certifications



**Convolutional Neural Networks**  
Coursera  
Issued Jan 2018 · No Expiration Date  
Credential ID 2ZCGTLVY444X  
[See credential](#)



**Structuring Machine Learning Projects**  
Coursera  
Issued Oct 2017 · No Expiration Date  
Credential ID NNL7UXSH24S3  
[See credential](#)




**Improving Deep Neural Networks: Hyperparameter tuning, Regularization and**

**Machine Learning and AI Foundations: Clustering and Association**  
Viewers: 8,465

**Machine Learning and AI Foundations: Predictive Modeling Strategy at Scale**  
Viewers: 3,494

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
Optimization

Coursera

Issued Sep 2017 · No Expiration Date

Credential ID U5RP95K4QD5J

See credential



Neural Networks and Deep Learning

Coursera

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Credential ID ZR45QYD7J9WL


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Skills & Endorsements

+


Algorithms · 14




Endorsed by 6 of Reza's colleagues at Webroot

+

C++ · 12




Endorsed by Michael Balloni, who is highly skilled at this




Endorsed by Razzak Lebbai, PhD (mutual connection)

+

Python · 12




Endorsed by Razzak Lebbai, PhD (mutual connection)



Endorsed by 5 of Reza's colleagues at Webroot

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Recommendations

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Recommend Reza

Received (0)

Given (1)



Gaurav Dalal

Principal Researcher

June 12, 2015, Gaurav worked with Reza in the same group

I've had the privilege of working with Gaurav for about 18 months.His pragmatic yet multidimensional approach to software engineering problem solving, insight into machine learning and in-depth knowledge in malware/threat landscape helped me and the group immensely. Gaurav is a value creator in the... See more

Accomplishments

3

Languages


Hindi · Sinhalese · Urdu

1


Patent

Automatic threat detection of executable files based on static data analysis.


Interests




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