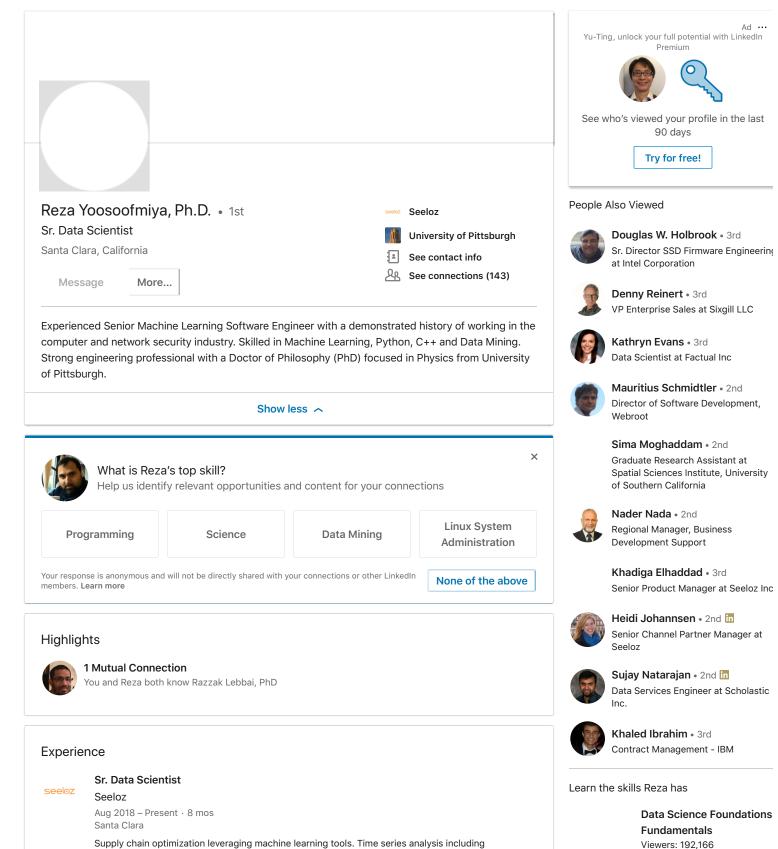
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anomaly detection and forecasting. Deep learning applied to forecasting to improve upon traditional methods.



### Webroot

4 yrs 9 mos

Sr. Software Developer - Machine Learning

Nov 2016 – Aug 2018  $\cdot$  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

0

### 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

See more courses

Reza Yoosoofmiya, Ph.D. | LinkedIn 3/25/19, 10:10 PM



### Optimization

Coursera Issued Sep 2017 · No Expiration Date Credential ID U5RP95K4QD5J

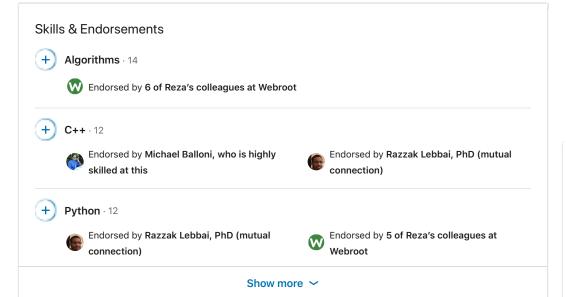
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### **Neural Networks and Deep Learning**

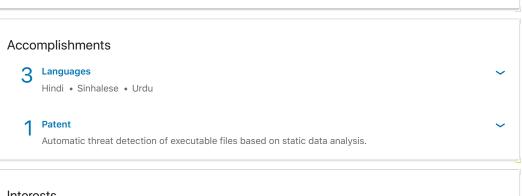
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