Baris Yuksel

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Patents

Detecting Potentially False Business Listings Based On An Anomaly Detection Threshold
U.S. patent application number 13/168291

Verifying A Business Listing Based On Photographic Business Listing Information Obtained Through Image Recognition
U.S. patent application number 13/344109

Notification Engine
U.S. patent application number 14/176283

Method and system for identifying business records
U.S. patent number 9,111,282

Identifying terms
U.S. patent number 9,123,046

Systems and methods of detecting keyword-stuffed business titles
U.S. patent number 9,135,625

Systems and methods of correlating business information to determine spam, closed businesses, and ranking signals
U.S. patent number 9,195,987

Notification engine
U.S. patent number 9,406,213

Education

Massachusetts Institute of Technology
BSc in Computer Science and Electrical Engineering

Minor in Economics

2004

Bogazici University
Physics Dep.

1998 - 1999

Experience

SchemaPlus Inc.

Founder & CTO   **2023 - Present**
New York, United States · Hybrid

Bahcesehir University

Lecturer   **2024 - Present**
Besiktas, Istanbul, Turkey · On-site

Teaching "Prompt Engineering COP3342" at Bahcesehir University for Spring 2024 semester at the Artificial Intelligence Department.

UPPERCASE Brands

Co-Founder and CTO   **2016 - Present**
Greater New York City Area

Uppercase is your AI powered digital marketing agency in the cloud. Our A.I. engine helps you build the ultimate social marketing campaign.

Little Bridge Ltd (2017 - 2020)

Advisor   **2017 - 2020**
London, UK

Google - Google Translate, Machine Intelligence (2016 - 2016)

Senior Software Engineer and Tech Lead at Google Translate (Machine Intelligence)   **2016 - 2016**

I'm working on the next generation Google Translate, designing and building the architecture of our forthcoming backend. I'm collaborating with Jeff Dean's Brain team in implementing our deep learning infrastructure

Software Engineering Manager and Tech Lead   **2014 - 2016**

I conceived and lead the design of the first machine learning framework at Google to help DDoS protection by finding network traffic anomalies.

Notification Engine

U.S. patent application number 15/202221

Document ranking based on entity frequency

U.S. patent number 9,679,018

Automatic detection of similar business updates by using similarity to past rejected updates

USPTO 08655883 · Issued Feb 18, 2014

Systems and methods of detecting keyword-stuffed business titles

US US8473491 B1 · Issued Dec 3, 2010

Method and system for identifying business records

U.S. patent number 8,621,623

Map spam detection

U.S. patent number 8,694,489

Detection of spam using contextual analysis of data sources

U.S. patent number 8,738,557

Method and system for identifying business listing characteristics

U.S. patent number 8,756,688

Detection of spam using contextual analysis of data sources

U.S. patent number 8,909,591

Method and system for identifying business records

U.S. patent number 8,973,097

Method And System For Identifying Business Records

U.S. patent application number 13/076955

Method And System For Testing Spam Result Detection Algorithms

U.S. patent application number 13/093049

Systems And Methods Of Correlating Business Information To Determine Spam, Closed Businesses, And Ranking Signals

U.S. patent application number 13/034095

Engineering Instructor for Machine Learning and Advanced Coding   2008 - 2016

I'm an engineering instructor for "Machine Learning Crash Course", "Practical Machine Learning with Tensor Flow", "Advanced Python", "Intermediate Javascript", "Introduction to Go" and "Interviewing Practice" at Google for Google engineers. I teach these classes once per quarter.

Senior Software Engineer and Tech Lead   2012 - 2014

Worked at Google Memory team with Craig Nevill-Manning, connecting Knowledge Panel on Search to Google Now notification flow. Lead and launched "Keep me Updated" feature which introduced a personalized news card on Google Now for Google's 15th Birthday.

Senior Software Engineer and Tech Lead @MapspamTeam   2008 - 2012

I started and lead Mapspam Team. We worked on finding spam on Google Maps and removing it, essentially making sure that local business information is correctly represented on Google Maps.

Microsoft (2004 - 2007)

Software Development Engineer @ BING   2005 - 2007

Junior engineer in BING Relevance team.

Worked on:
a) Built support vector machines for blog & post spam classification. Developed and improved features.
b) Developed an improved shingling algorithm for website similarity detection in collaboration with Microsoft Research.

Software Development Engineer, Live Search BING   2004 - 2005

Designed and implemented the internal reporting and management layer for Autopilot, a fully automated, highly scalable and fault tolerant infrastructure service for Live Search Engine. Autopilot included following subsystems: datacenter and hardware lifecycle management, application deployment and lifecycle management, monitoring and alerting.

Skills

Prompt Engineering, Artificial Intelligence, Data Science, Javascript, C++, Algorithms, Data Mining, Machine Learning, Software engineering, Python, Software Development, Java, Android, MapReduce, Cloud Computing, Linux, Scalability, Team Leadership, Distributed Systems, Turkish

Publications

In the throes of an inflection point

Huffington Post · Dec 6, 2013