

# VLAD SANDULESCU

vladsandulescu.com

Data scientist with a strong machine learning and software engineering background. Winner of the KDD Cup in 2016.

## EXPERIENCE

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### Adform

Senior Data Scientist

January 2015 - Present

Copenhagen, Denmark

Applied machine learning research for computational advertising.

(Machine learning, Statistics, Reinforcement learning, Graph theory, Time series forecasting, Anomaly detection, R, Python, Vertica, Hadoop, Hive, Scala, Docker, TeamCity, OpenStack, Grafana)

### Trustpilot

Software Engineer

September 2012 - December 2014

Copenhagen, Denmark

Worked in the Fraud Detection team, researched and developed models using data mining and machine learning to detect fake reviews and fraudulent user behavior.

(Machine learning, Data mining, Algorithms, R, Python, C#, MongoDB, MSSQL, RabbitMQ, Amazon SQS, AWS)

### Tekniska Verken

Software Engineer (Subcontracted by Foritec AB, Sweden)

August 2010 - August 2012

Lindköping, Sweden

Built reporting software with the end goal of automating the generation of emission reports for the Swedish environmental agency.

### SVR Samhällsbyggarna

Software Engineer (Subcontracted by Foritec AB, Sweden)

January 2009 - July 2010

Stockholm, Sweden

Built software for medium sized Swedish labor organizations.

### Söderenergi

Software Engineer (Subcontracted by Foritec AB, Sweden)

August 2005 - December 2008

Södertälje, Sweden

Developed anomaly detection models using neural networks and probabilistic inference in Bayesian networks to detect faulty sensors. Built reporting software with the end goal of automating the generation of emission reports for the Swedish environmental agency.

### Setrio Soft

Student Developer

January 2005 - May 2005

Bucharest, Romania

Bug fixing.

## PAPERS AND AWARDS

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1st place award at the KDD Cup competition, 2016.

### Predicting the future relevance of research institutions - The winning solution of the KDD Cup 2016.

Vlad Sandulescu, Mihai Chiru. *The 22nd ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (KDD)*, 2016.

**Detecting Singleton Review Spammers Using Semantic Similarity.** Vlad Sandulescu, Martin Ester. *Proceedings of the 24th International Conference on World Wide Web (WWW) Companion*, 2015.

## EDUCATION

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### Technical University of Denmark

M.S. in Computer Science & Engineering

Thesis title: **Opinion Spam Detection Through Semantic Similarity.**

The thesis proposes a novel methods to detect opinion spam of one-time reviewers using semantic similarity. It builds upon recent research models aimed at extracting product aspects from short texts.

June 2014

Copenhagen, Denmark

### Politehnica University of Bucharest

B.S. in Computer Science

June 2008

Bucharest, Romania