

Victor Blaga
Hohenwaldeckstr. 47
81541 München
Germany

RESUME

Tel: +49-(0)-1523-4034166
E-mail: vic.blaga@gmail.com

WORK EXPERIENCE

December 2017 - ongoing

Senior Java Engineer for scalable.capital, München, Germany

Responsibilities

- **Architecture, implementation and maintenance** - taking care of the scalable.capital backend infrastructure

July 2015 - Dec 2017

NLP Developer for trivago.com, Düsseldorf, Germany

Responsibilities

- **NLP pipeline data engineer** - development of software libraries in Java and Python that serve as the core of an NLP pipeline
- **Support data scientist** - assist and develop machine-learning backed components for individual NLP tasks (language identification, tokenization, sentiment detection, etc.)
- **Lead engineer for suggestions search**: Java API for enabling free (natural language) text search on trivago.com

October 2013 - March 2015

*Backend Software Developer and Data Scientist for **reputami.com**, Cologne, Germany.*

(<http://www.reputami.com>)

Responsibilities

- **Backend development** - Ruby on Rails server-side implementation of reputami web application
- **Machine learning and Data Mining** - sentiment and topic classification of text messages.
- **Web crawling and scraping**

August 2012 - October 2013

*Junior Researcher for the **Fraunhofer IAIS** Research Institute, Sankt Augustin, Germany.*

(<http://www-kd.iai.uni-bonn.de/index.php>)

Responsibilities

- **Financial prediction** based on large-scale social media news sources
- **Distributed online prediction** machine learning algorithms.
- **Technologies**: Python, NLTK, scikit-learn, scipy

November 2011 – August 2012

Student assistant for Prof. Dr. Alexander Markowetz at the University Bonn.

June 2011 – November 2011

Junior Programmer for Hype Software GMBh. Bonn, Germany. Maintaining an Innovation Management Software. Java programming.

EDUCATION

October 2010 – October 2013

Master of Computer Science, University of Bonn, Bonn, Germany (not fully completed)

- **Master Thesis:** Using news article to predict future performance of financial assets (not completed)
- **Lectures:** Artificial Life, Data Mining, Information Retrieval, Machine Learning, Pearls of Algorithms, High Performance Networking, Cognitive Robotics
- **Practical work:** Java Bootcamp, Lab Information Retrieval, Lab Data Mining

October 2006 – July 2010

Bachelor's Degree in Automatics and Intelligent Systems,
Transilvania University, Braşov, Romania.

2002 – 2006

Dr. Ioan Mesota College, Braşov, Romania

Computer Science oriented studies. GPA 93%.

- **Special achievement:** First prize in 2003 edition of the ACSL (www.acsl.org) computer science contest, Los Angeles, California

ADDITIONAL INFORMATION

Software knowledge / skills

- **Frontend programming:** HTML/CSS, JavaScript, jQuery, CoffeeScript
- **Backend development:** Ruby on Rails, Python, Java, C#
- **Database technologies:** PostgreSQL, MongoDB, Apache Cassandra, DynamoDB
- **Cloud:** AWS (DynamoDB, S3, EC2, EMR, SQS, CloudFormation)
- **Other:** Scrum, Test-Driven Development, Code Quality Standards and Software Engineering

Foreign Languages

- Romanian – native speaker
- English - excellent
- German - good
- Spanish - beginner