



# Oleg Polakow

Data Scientist

A recent master's graduate of a top-tier university with experience in building models that translate data into business insights.

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## KEY SKILLS

Data Science

Machine Learning

Network Analysis

Digital Transformation

Software Development

Web Development

Agile Methodology

## EDUCATION

### Master's Degree in Information Systems

Technical University of Munich

10/2015 – 10/2018

GPA 1.4 (excellent)

- Business Analytics
- Agile Software Development

### Exchange program

Technical University of Denmark

09/2016 – 06/2017

GPA 12 (excellent)

- Machine Learning
- Big Data

### Bachelor's degree in Information Systems

Technical University of Munich

10/2011 – 10/2015

GPA 2.3 (good)

## WORK EXPERIENCE

### Data Scientist Intern

Peergrade

11/2016 – 04/2017

Copenhagen, Denmark

- Built and maintained a set of tools in Python for data-driven insights into peer reviews.
- Received positive feedback from teachers who were able to track their students' growth more effectively.
- Built tools for internal use by the team.

## UNIVERSITY PROJECTS

### Master's Capstone

TUM IDT

04/2018 – 10/2018

- Developed a web-based platform for collecting and analyzing digital transformation projects of organizations worldwide.
- The platform has been actively used in further research.

### Software Engineering for Business

ZEISS

04/2017 – 09/2017

- With an agile team of six, built an iOS application for connecting Zeiss Metrology centers with their potential customers.
- The product passed the acceptance test and a revised version has been published to the App Store.

### Bachelor's Capstone

SAP UCC

02/2015 – 08/2015

- Developed a prototype for detecting patterns of fraudulent activity in ERP systems using SAP HANA.

## TECHNICAL SKILLS

**Working Knowledge**

Python, PyTorch, TensorFlow, SQL, MongoDB, NodeJS, JavaScript, Swift

**Basic Knowledge**

Hadoop, Apache Spark, Tableau, Alteryx

## CERTIFICATES

Deep Learning Certification by deeplearning.ai

Predictive Analytics for Business Nanodegree by Udacity

## VOLUNTEER EXPERIENCE

### MINGA-Program

Technical University of Munich

08/2017 – 04/2018

- Provided advice and assistance to international students.

## LANGUAGES



English



German



Russian

## INTERESTS

Multiplayer Games

Shotokan Karate-Do