Oktay **Bahceci**

SOFTWARE ENGINEER · MACHINE LEARNING ENGNIEER

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Summary

Tools / Platforms Google Cloud Platform (GCP), Amazon Web Services (AWS), Tensorflow, SKLearn, Pandas, Numpy
Open Source Contributions Ethereum, AWS Sagemaker Python SDK, Lyst LightFM
Programming Languages experienced in Java, Javascript, Python, Objective-C, Swift, Scala, C, C++, C# **familiar with** Go, Kotlin
Libraries AngularJS, ReactJS, Flask, Django
Languages proficient in English, Swedish, Norwegian **experienced in** Spanish, Turkish

Work Experience

Lifesum
Stockholm, Sweden

SOFTWARE ENGINEER, PRODUCT
Oct. 2018-

- Standardized microservices using Python, Docker and AWS, and implemented ways to generate microservices using automation.
- Data ETL pipelines and backend microservices created and shipped to millions of customers worldwide using Python and SQL.
- Responsible for machine learning efforts company wide, working with teams to integrate machine learning in the mobile application.

Tictail (Shopify)
Stockholm, Sweden

MACHINE LEARNING ENINGEER, PRODUCT
Aug. 2017 - Sept. 2018

- Responsible for all machine learning efforts company wide, worked closely with all teams in Stockholm & New York.
- Research, development and deployment of machine learning models and its infrastructure, for internal use & in production.
- Full stack responsibilities, backend and data engineering, focused on problems within personalization, recommendation, ranking, search, natural language processing and customer analytics using Python & SQL.
- Created data and machine learning infrastructure from scratch using Python, SQL, Dcoker, AWS and AirFlow in order to conduct machine learning engineering throughout the company.

Spotify
Stockholm, Sweden

MACHINE LEARNING RESEARCH INTERN, SEARCH & VOICE
Jan. 2017 - Jul. 2017

- Research and implementation of machine learning models for search, recommendation & ranking.
- Data engineering pipelines & optimizations, processing billions of rows of data using SQL, Scala, Java & GCP.
- Worked with the team to ship the final model into production, known as the Play Me Something feature on the Spotify Voice client.

Apple
Cupertino, California

SOFTWARE ENGINEERING INTERN, SIRI
Jun. 2016 - Oct. 2016

- Data centered approaches for analyzing and improving Siri interactions for iOS for all domains.
- Developed iOS & watchOS tools with C/C++/Objective-C/Swift for extracting and analyzing Siri intent, domain & language data, used by thousands of Apple employees.
- Worked with Siri Media/QA teams on improving data automation pipelines.

EF Education First
London, U.K.

SOFTWARE ENGINEERING INTERN, PRODUCT
Jun. 2015 - Aug. 2015

- Developed several features in production, worked with QA and backend teams for solving critical bugs in the iOS client using Objective-C/Swift.
- Researched data and machine learning centered approaches for future backend services.

Microsoft
Stockholm, Sweden

MOBILE APPLICATIONS ENGINEER
Aug. 2013 - Dec. 2013

- Developed and researched mobile applications for the Windows and Windows Phone 8/8.1 platform for app generation & automation.

Education

KTH Royal Institute of Technology
Stockholm, Sweden

B.S. IN COMPUTER SCIENCE
2012-2015

- GPA 4.5

KTH Royal Institute of Technology
Stockholm, Sweden

M.Sc. IN COMPUTER SCIENCE, SPECIALIZATION MACHINE LEARNING
2016-2018

California Polytechnic State University, CalPoly SLO
San Luis Obispo, California

M.Sc. IN COMPUTER SCIENCE, SPECIALIZATION MACHINE LEARNING, EXCHANGE YEAR
2015-2016