

# MERT TERZIHAN

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Box 1910, Computer Science Department Brown University • Providence, RI 02912

## EDUCATION

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### Brown University

M.Sc. in Computer Science

Current GPA: 4.0/4.0

Providence, RI

2013-2015

### Bogazici University

B.Sc. in Computer Engineering

Graduated in Honors List

Major GPA: 3.51/4.0

Istanbul, Turkey

2008-2012

## WORK EXPERIENCE

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### Cloudera

*Data Science Intern*

San Francisco, CA

May 2014 - August 2014

- Integrated PyMC, an open source Python library for running MCMC methods, with Apache Spark to let users apply Bayesian Machine Learning Methods on a distributed platform.
- Implemented a distributed topic model as an example using the PyMC on Spark.

### Global Maksimum

*Software Engineer*

Istanbul, Turkey

August 2012 - June 2013

- Designed a BaaS platform which abstracts front-end developers from back-end development by providing them APIs on the cloud.
- It is currently being used by the largest mobile network operator in Turkey, Turkcell.

## ACADEMIC EXPERIENCE

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### Brown University Computer Science Department

*Machine Learning Research Group*

Providence, RI

Spring 2014

- Derived and implemented a variational inference method for hidden Markov trees for *bnpy*, an open source Python module for Bayesian nonparametric models

### Brown University Computer Science Department

*Data Management Research Group*

Providence, RI

Fall 2013

- Designed and implemented a web-based visualization tool for a current research project which is a new platform to perform big data analytics based on MapReduce paradigm.

### Undergraduate Senior Project

*CloudShell*

Bogazici University

Spring 2012

- Developed CloudShell which is an HTML5 user interface to AWS to manage EC2 and S3 services with SSH and SFTP support.

## SKILLS

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### Programming Languages

Java (Proficient), Python, MATLAB, C

### Frameworks & APIs

Spring Framework, JPA (JBoss Hibernate and EclipseLink)

### Databases

MySQL, Oracle, MongoDB, HSQLDB

### Github

mertterzihan