

Kamil Veli Toraman

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EDUCATION

GEORGIA TECH

COMPUTER SCIENCE
Spring 2018 | Atlanta, GA
EXCHANGE STUDENT

KAIST

COMPUTER SCIENCE, BS
Expected June 2019 | Daejeon, Korea
Cum. GPA: 3.67

LINKS

Github:// [kvtoraman](#)
LinkedIn:// [kvtoraman](#)
Codeforces:// [kvtoraman](#)
Topcoder:// [kvtoraman1](#)

COURSEWORK

GRADUATE

Machine Learning
Data & Visual Analytics
Text Mining

UNDERGRADUATE

Artificial Intelligence
Human-Computer Interaction
Social Media & Cultures
Crowd-sourcing & Social Computing
Intro to Database
Computer Organization

ONLINE

CS231n: CNN for Visual Recognition

SKILLS

PROGRAMMING

Languages: Python • C/C++ • Java •
Matlab • HTML • JavaScript
ML: TensorFlow • scikit-learn • Pandas •
NumPy • word2vec • Gensim
Web: d3.js • jQuery
Big Data: Hadoop Stack • Spark •
MapReduce • SQL

LANGUAGES

Turkish(Native) • Korean(Advanced,
TOPIK 4 급)

INTERNSHIP EXPERIENCE

YAHOO!(OATH) | SOFTWARE ENGINEERING INTERNSHIP

June 2018 – August 2018 | Sunnyvale, CA

- Worked in Membership team which handles 4 billion requests per day
- Made an ML pipeline that runs on HDFS
- Decreased whole training pipeline from 30 days to 2 days
- Built with TensorFlow, PySpark, PIG, HDFS and Oozie

RESEARCH INTERNSHIP

MACHINE LEARNING LAB | UNDERGRAD RESEARCHER

March 2018 – Present | Georgia Tech

Worked with **Prof. Le Song** and **Yuyu Zhang** on integration of **Knowledge Graphs** into Q&A Systems. We used graph embeddings to classify graph pairs. Got the **1st** rank on **AI2 Reasoning Challenge**. Our model beat the state-of-the-art by %4 (%15 improvement). Our paper **is on arxiv**.

UST GLOBAL INTERNSHIP, KISTI | SUMMER RESEARCH INTERN

2017 Summer | Daejeon, Korea

Worked on text classification of scientific reports with Machine Learning. Used various ML models(**SVM, kNN**) and several word embeddings (**Bag of words, word2vec, Glove**) to get the best accuracy. Improved accuracy from %80 to %92. Advised by **Prof Lim ChulSu**.

PROJECTS

NYC CRIME ANALYSIS | CRIME VISUALIZATION & PREDICTION

2018 Spring | Georgia Tech Course CSE6242

- Integrated NYC Crime data with Airbnb houses
- Built with Google Maps API and D3.js

MOODY | MENTAL HEALTH PLATFORM

2017 Fall | KAIST

- Developed web project that allows users to log and track their mental status
- Built with jQuery, d3.js, Firebase API
- Inspired from psychologist proven emotional 2d map[Russell 1980]

SCREENPLAY PARSER | DIALOGUE EXTRACTOR

2017 Summer | KAIST Data Science Lab

- Extracted dialogue by crawling imsdb.com
- Written with Python using BeautifulSoup and Scraper.

AWARDS AND HONORS

2017	Best Intern	UST 2017 Summer Internship
2013	Gold Medal	National Informatics Olympiads, Turkey
2012	Gold Medal	National Informatics Olympiads, Turkey
2012	Gold Medal	National Project Fair, Turkey
2012	Participation	EUCYS

LEADERSHIP

2017	KAIST	Freshman International Supporter
2016-17	Club	Vice President, Vanilla Forum Club
2014	Olympiad Training Program	TA, organized by TUBITAK