Kamil Veli Toraman

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Personal Site: kvtoraman.github.io **Github:** github.com/kvtoraman
LinkedIn: linkedin.com/in/kvtoraman **Codeforces:** http://codeforces.com/profile/kvtoraman

Objective

Computer science student that interested in Sociology, Politics and Linguistics. Seeking to contribute in projects that can help education, improve psychology and mood of people. Having pleasure by discovering linguistic/social phenomenon in data.

Skills & Abilities

Have experience: C/C++(STL), Python, JavaScript
Intermediate: HTML, jQuery, d3.js, CSS(Materialize, Bootstrap), Git, Java, Matlab, SQL(sqlite),
Basic: gensim, scikit-learn, tensorflow, NLTK, Beautiful Soup, Scraper, Flask
Major Courses: Social Media and Cultures, Intro to ML, Intro to AI, Text Mining, Big Data & Language, Intro to HCI, Crowdsourcing and Social Computing, Data&Visual Analytics, Computer Graphics, Intro to Algorithms, Intro to Database
Turkish: Native English: Professional Working Proficiency (TOEFL IBT 104/120)
Korean: Intermediate (TOPIK 4th level, 179/300)

Education

Georgia Institute of Technology, Atlanta, GA, USA — 2018 January - 2018 May
Computer Science, Exchange Student

KAIST, Daejeon/South Korea, BS — 2015 Fall - 2019 June
Korea Advanced Institute of Science and Technology, School of Computing
Junior Student (CGPA: 3.66/4.30)
Ranked 14th in Engineering and Technology(Top Universities)
Ranked 6th in the World's Most Innovative Universities(Reuters)

Bilkent University, Ankara/Turkey, BS — 2014-2015
Major: CS (GPA:3.75/4.00,Transferred to KAIST after freshman year)

Private Yamanlar Science High School, Izmir/Turkey, High School — 2010-2014
Graduated with High Honors (GPA: 5.00/5.00)

Research Experience

UST Global Internship, KISTI, Daejeon/South Korea — 2017 Summer
Text classification of scientific reports with Machine Learning.
Result: Classification accuracy (micro-average) increased from %80 to %92.
Software and Libraries: Python, scikit-learn, NLTK, gensim, Jupyter notebook
Advisor: Prof. Lim Chulsu(임철수)[cslim@kisti.re.kr]
GitHub: https://github.com/kvtoraman/2017-summer-ust-internship

Awards and Scholarship

Best Intern in UST 2017 Global Summer Internship — 2017
Scholarship by KAIST — 2015-2019
Scholarship by TUBITAK(Science & Tech Research Council of Turkey) — 2014-2015
Scholarship by Bilkent University — 2014-2015
Scholarship by Private Yamanlar Science High School — 2010-2014
Gold Medal in National Informatics Olympiads, Turkey — 2013
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Gold Medal in Infomatrix International Project Fair, Romania — 2012
Gold Medal in TUBITAK National Project Contest(Informatics),Turkey — 2012

Projects

C-Rash - Crowdsource Trash (2017 Oct.27 - Oct.29)

Crowdsourced application for gathering trash locations in given areas built during "Jeju Global Hackathon" (Oct. 27- Oct. 29) (Hackathon info[in Korean]: https://onoffmix.com/event/111265)
Software and Techniques Used: JavaScript, HTML, jQuery, Firebase API, Google Maps API, Materialize CSS
Contribution: Project Management, Crowdsourcing Research, independent html's like mypage, update.
GitHub: **https://github.com/kvtoraman/crash_project**

Screenplay parser (2017 August-September)

Developed for KAIST Data Science Lab. This project is a screenplay parser that extracts dialogues between characters. However, it extracts the dialogues if the second character has a **paranthetical.** The scripts are crawled from http://www.imsdb.com/ .
Software and Techniques Used: Python, Beautiful Soup, Scraper, Jupyter Notebook
Contribution: Everything
GitHub: https://github.com/kvtoraman/Screenplay

Moody (2017 Fall)[Project for KAIST course CS492F, Crowdsourcing and Social Computing.]

"Somebody out there gets you."
3 out of 10 Koreans suffer from mental disorder, yet stigma and lack of awareness worsen this problem. We introduce Moody, where users can log and become aware of their current mental status and empathize with others to build an understanding community. Moody allows users to share and empathize via a novel approach of psychologist-proven 2D graph of emotions.
Techniques Used: Crowdsourcing, d3.js, jQuery, HTML, Firebase API, Materialize CSS
Contribution: d3.js animations, main.html, network.html
GitHub: https://github.com/bolatashim/arite_project

Mwoji (2016 Fall)

Project for KAIST course CS374, Introduction to Human-Computer Interaction. It allows users to ask & answer question on the scenes they want.
Software and Techniques Used: JavaScript(jQuery), HTML, CSS, Firebase.
UI Contribution: choosevideo.html (This is an intermediate html file between the login page and the main video watching part. I took a template and edit it according to our plan.), All posts/my posts filter (Filter for users to see their questions.), Ability to remove like.
Other contributions: System design (how each html file is connected with each other)
GitHub: https://github.com/kvtoraman/Mwoji-Video-dedicated-QA-forum

Teaching Experience

Coaching, 2011-2014 — 2011-2014
Coaching high school Informatics Olympiad students at Private High School

TA — 2014 Summer
TA at Informatics Olympiad Training Program organized by The Scientific & Technological Research Council of Turkey (TUBITAK)

Leadership

Freshman International Supporter — 2017 Spring-2017 Fall
Supporting International freshman in KAIST

Interests

Academic
Natural Language Processing, Social Media Analysis, Human-Computer Interaction