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EDUCATION

Master of Science, Computer Science, [Internet Computing](#)
 School of Computer and Communication Sciences
 Swiss Federal Institute of Technology in Lausanne(EPFL), Switzerland
 Expected graduation: 03/2014, currently 5.06/6.00 GPA
 Semester Project: "[Nokia Mobile Data Challenge - Demographic Attributes](#)"
 Extra Project: "[Squall, Online Query Processing Engine on top of Twitter Storm](#)"

Bachelor of Engineering, [Computer Engineering](#)
 Faculty of Engineering
[Bogazici University](#), Istanbul, Turkey
 Graduation grade: 3.61/4.00 GPA (4/72)
 Thesis: "[Social Analysis on DeviantART](#)"

Bachelor of Management, Business Administration
 School of Management
[Anadolu University](#), Eskisehir, Turkey
 Long-distance education

High School Diploma, Mathematics and Natural Sciences
[Bursa Anatolian High School](#), Bursa, Turkey
 Graduation Grade: 5.00/5.00 GPA (1/152)

AWARDS & HONORS

2011 *Scientific and Technological Research Council of Turkey (Tubitak)*
 • Scholarship for graduate study
 2009 - 2011 *Bogazici University*
 • [Dean's High Honor List](#) for all semesters
 2011 *Vodafone Android Idea Contest Final*

EXPERIENCE***Software Developer, Open Source***

Indico Software @ CERN Geneva, CH

Mar 13 - Present

- Transition of conference, meeting and workshop management web app from [ZODB](#) to *NoSQL*.

Software Developer, Open Source

Zurmo Open Source Chicago, USA

May 13 - Present

- Database and features team member for mobile, gamified and social CRM written in *Yii*, *RedBeanPHP* and *jQuery*.
- Translation of software into Turkish.

Committer, Open Source

Community Software Lab Massachusetts, USA

Jun 11 - Feb 12

- View abstraction of [mvhub.com](#) and [northshoreport.org](#) (Perl)
- Database normalization and database access layer to utilize different products, currently SQLite(test) and Postgres(production), prod will be extended to use others such as MySQL. (Perl + SQL + bash)
- Writing tests for utopian 100% coverage (Perl:WWW-Mechanize)

Software Developer Part time

Bogazici University Civil Engineering Department Istanbul, TR

Mar 11 - Jun 11

- *Traffic Simulator* to test the performance of the congestion/incident detection algorithms, devised by Civil Engineering department (Matlab)
- Incident detection and load generation plugins for Paramics V6 (C/C++)

Teaching Assistant

Bogazici University Computer Engineering Istanbul, TR

Feb 11 - Jun 11

- *CMPE 230 - System Programming*
- Helped students to prepare 3 projects and graded, log parser for *Apache Web Server*(Perl), command line wrapper for *AWS - cloudshell*(Perl) and GUI for *wget*(Qt)

Software Developer Part time

Pozitron Mobile Istanbul, TR

Aug 10 - Jun 11

- *SessionSwitch Service* that monitors the employees working hours (C#)
- *kapalidevre.com digital signage system* that enable customers to prepare custom playlists and to play them on multiple machines at the same time indefinitely. Moreover, it utilizes of web services such as weather forecasts from *ntvmsnbc.com*, news from *skyturk.net*, etc. for richer content.(PHP + C# + MySQL)

Software Developer Intern

Nortel Netas Networks Istanbul, TR

Jun 10 - Jul 10

- Market analysis for mobile SIP client
- Translation of *SIP Communicator(Jitsi)* into Turkish

Software Developer Intern

Pozitron Mobile Istanbul, TR

Jan 10 - Feb 10

- *Download Manager*, a tool that serves mobile software at pre-Android era, is reimplemented make use of servlet 3.0 specification and applied load tests by Grinder. (JEE + Python + MySQL)
- *Server health watcher*, analytics and emergency tool. (JEE + JSP + Swing + Google AppEngine)
- Refactoring of BlackBerry corporate push application for private usage. (Java)

Software Developer Intern

Pozitron Mobile Istanbul, TR

Jun 09 - Oct 09

- *Log parser* to extract daily statistics automatically for the mobile part of *Turkish IsBank* (Perl)
- *Download and Device Manager* that keep up-to-date database for mobile handsets and JSRs. According to the model of the handset, it serves the related version. (JEE + MySQL)
- *XML editor* that utilizes domain specific information to easily edit a XML document (~50k LOC) that contains information about the components of the software developed by *Pozitron Mobile*. (Java + Swing)

COMPUTER SKILLS

- Solid background on **data structures** and **algorithms** via various web sites
- **Proficient in Java** and some experience in Scala via preferably IntelliJ IDEA
- Mostly enjoys driving **Python/Ruby/Perl** but also agnostic for big guys **C/C++**
- Experienced developer in **Linux** (Debian/Ubuntu) and software version control (SVN, Bazaar, **Git**), edits in Sublime & Vim

- Played frameworks & APIs: Evernote, Facebook, Twitter, Google AppEngine, AWS, Heroku, Qt, Swing, **JEE**, **RoR**, **Django**, **Hadoop**, **Storm**, Avro, Bootstrap, jQuery, **Android**