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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: 02/2014, currently 5.12/6.00 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
Expected graduation: 06/2014
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

[Zurmo Open Source](#) Chicago, USA

Oct 12 - 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 software

[Community Software Lab](#) Massachusetts, USA

Jun 11 - Present

- 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, Turkey 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, Turkey

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, Turkey

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, Turkey

Jun 10 - Jul 10

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

Software Developer Intern

[Pozitron Mobile](#) Istanbul, Turkey

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, Turkey

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** via preferably IntelliJ IDEA
- Mostly enjoys driving **Perl/Python/Ruby** 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**, **Hadoop**, **Storm**, Avro, Bootstrap, jQuery, **Android**