

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
 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(Boun), Istanbul, Turkey
 Thesis: "Social Analysis on DeviantART"

Bachelor of Management, Business Administration
 School of Management
 Anadolu University, Eskisehir, Turkey
 Expected graduation was: 06/2014
 Long-distance education, only exams are taken

High School Diploma, Mathematics and Natural Sciences
 Bursa Anatolian High School, Bursa, Turkey

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

Chainism Lausanne, Switzerland

Sep 12 - Present

- Enables people to barter their old stuff (RoR)

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), production 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)*[open source] 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, Avro, Storm, Bootstrap, jQuery, Android