

CAN TUKSAVUL

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PROFESSIONAL EXPERIENCE

Mosys, San Jose – CA

Memory IC manufacturer.

Lead Software Engineer, 2018 – 2019

- Machine learning and search applications hardware acceleration. (Multi-thread RISC Assembly, C, Python)
- Design and develop Linux-FPGA queue DMA PCIe driver. (C/C++, Python)
- Productivity and debugging tools development. In-house IDE and assembler enhancements. (C/C++, Python)

Fibabanka, Istanbul – Turkey

Retail bank with consolidated assets of ~\$5B with affiliations in Europe and Russia.

Software Consultant, 2017 – 2018

- Developed analytics tool for multilanguage chat-bot built with Microsoft Bot Framework. (React, Node.js, MongoDB)
- Led front-end modernization. (React, Node.js)
- Developed a responsive legal document approval web application to accelerate customer onboarding which is used by 300K+ new customers in 4 months. (Spring, Typescript, React, DB2)

Alterna, Istanbul – Turkey

Tech start-up building software solutions to improve customer experience.

Fullstack Developer, 2016 - 2017

- Delivered final product to 3 customers. Solution reached to 1M customers and collected over 100K feedback.
- Survey, analytics and reporting tools development. (Javascript, C#, MSSQL)

Vestel Electronics DTV Group, Istanbul – Turkey

Leading consumer electronics manufacturer. DTV products has the 3rd largest market share in Europe after Samsung and LG.

Senior Software Engineer - Tech Lead, 2014 – 2016

Software Engineer, 2012 - 2014

- Successfully led 3 teams of size 5, took part in 3 teams of size 7.
- Led Digital Signage product development.
- Led TV GUI development. Showcased in IFA Berlin and ANGACOM Cologne fairs. (AngularJs)
- Linux TV application development on OIPF and HbbTv standards. Delivered products to BBC and Fransat. (C/C++, Javascript)
- Integrated Opera Browser Linux SDK. Effort constitutes the backbone of Vestel's Smart TV product which sells 50K+ units every year. (C++)

EDUCATION

Software Engineering MS, Bogazici University, 2017

- *Graduation Project: Social Media Sentiment Analysis*. Supervised learning, using word and character N-grams on normalized Turkish text. Reached ~%90 success rate on domain specific texts. (Java OpenNLP, Weka)

Computer Science BS, Bilkent University, 2012

OTHER

Software Tools: Bash, Make, Nginx, Git, Debian-CentOS Linux

Interests: Sailing (Member of Çeşme Sailing Club, BOUN Sailing Club), Swimming (Medalist at Local Championship), Playing Tennis and Snowboarding