Fatih Comak

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Personal Info

I am an enthusiastic, quick learning and adaptable person. My objective is to improve myself while contributing to the development of the company I work for. I also enjoy to develop new projects in a company where I can reveal my talents. I do research to solve problems, I encounter and to learn about new technologies.

Education

B.S. in Yildiz Technical University, Computer Engineering   Jun 2020
Faculty of Electrical-Electronics
2,40 /4

Isparta Suleyman Demirel Science High School   Jun 2012
Mathematics and Science
89,3 /100

Foreign Language

Turkish   Native Proficiency
English   Professional Proficiency

Skills & Interests

Programming Languages

Assembly	:	Basic	HTML, CSS	:	Medium
Pascal	:	Basic	JavaScript	:	Basic
C	:	**Good**	ASP.NET	:	Basic
C++	:	Basic	Prolog	:	Basic
C#	:	**Medium**	SQL	:	**Medium**
Java	:	**Medium**	Groovy	:	Basic
Python	:	Basic	Matlab	:	Basic

Technologies

Operating Systems	:	Linux
Database Management	:	PostgreSQL
Web Development	:	Angular, Spring, Hibernate
Programming	:	Structured, Object Oriented (OOP)
Artificial Intelligence	:	Machine Learning, Expert Systems
Data Analysis	:	Data Mining, Big Data, Bioinformatics

Experience

Xinerji Technology Solutions, İstanbul, *Part-time Developer*   Sep 2018 - Apr 2019

I was team member in the development of logistics ERP web application named TMAXX Enterprise Project with n-tier architecture. In this project, Angular for front-end, Java, Spring Boot, Hibernate for back-end and PostgreSQL for database were used.

I also got innovative technology experiences such as Microservices, Postman, Git, Docker.

etcBASE Software and Information Technologies, İstanbul, *Intern*   Summer 2017

Research was done on JavaScript frameworks and Spring technologies, documents were scanned and comparisons were made. Accordingly, a presentation was prepared.

Garanti Technology, İstanbul, *Intern*   Summer 2015

Web research and analysis were done. HTML, CSS, (as required) JavaScript, SQL, ASP.NET, C# languages learned. In addition, ASP.NET Page Life Cycle was analyzed, client-server data flow was investigated. In line with the acquired web architecture knowledge, a demo web application was developed as an internship project with console and form applications.

Projects

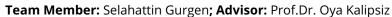### Customer Satisfaction Survey, *Hobby Project*   Jun 2020

URL: *github.com/Sillyon/customer-satisfaction-survey*

This **RESTful Web API** project represents to submitting answers of a survey by topics. And calculates NPS score for each topic. Developed on Github. Maven build, Spring Boot Java developing used on back-end. Also JPA, Hibernate, Lombok, and Swagger used. H2 in-memory database used on server. JUnit test has been developed. Usage has been tested by Postman and Swagger-ui. React JS used on front-end.

Release Management Solution in SDLC Transformation By Providing Dockerization with DevOps Approach, *Thesis Project*   Aug 2019 - Jan 2020

Team Member: Selahattin Gurgen**; Advisor:** Prof.Dr. Oya Kalipsiz

With the DevOps approach, end-to-end SDLC automation was containerized and semantic version management was provided. A Plugin named Commit Difference Finder and a script were developed that produces the Release Note. Git, Jira, Bitbucket, Jenkins, Groovy, Java, Linux Bash, Atlassian SDK were used. As a result, the time interval from opening the task in Jira till release of the updated version is minimized to seconds. Also flexibility was achieved.

Classification of Android Malwares by Families with Word Embedding and Machine Learning, *Academic Project*   Jan 2019 - Jun 2019

Team Member: Alibek Erkabayev**; Advisor:** Research Associate Alper Egitmen

URL: *github.com/bigalex95/androidMalwareDetectionSystem*

A supervised approach based on static opcode analysis was introduced, which uses machine learning to classify Android malware. In this approach, apk DataSet was modeled as a natural language. For word embeddings, Word2Vec (CBOW) and GloVe word vectors were trained and used. C++, Python languages were used for pre-processing. Hashing was done to speed up data processing and to reduce size. Weka algorithms were used and Benign, Malware families were categorized. As a result, 91.32% success was achieved for CBOW and 92.12% success for GloVe.

Library Automation System, *Intern Project*   Sep 2015

Advisor: Arda Cetinkaya

URL: *github.com/Sillyon/WebApplication-Kutuphane-Demo*

ASP.NET and C# based Web application was developed in Visual Studio environment. Bootstrap, jQuery, HTML, CSS, JavaScript, SQL were used.