

Mustafa Arif ŞİŞMAN

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OBJECTIVE

I am interested in web technologies and artificial intelligence. I am familiar with agile software development principles and I am an active learner. I try to get an analytical result with my analytical thinking skills and technology in the problems I encounter.

EDUCATION

- Akdeniz University** Antalya, Turkey
Computer Science & Engineering, Bachelor of Science , Graduation GPA: 3.34 2016 – 2020
- Erciyes University** Kayseri, Turkey
Computer Engineering, Undergraduate 2015 – 2016
- Asfa Ferda** Ankara, Turkey
Anatolian High School 2011 – 2015

EXPERIENCE

- 6Zeka Teknoloji Yazılım Geliştirme A.Ş.** Antalya, Turkey
Software Engineer Aug 2020 - Present
 - Price Change Analyzer:** A MATLAB model uses counterparty data to predict price changes on the instruments.
 - Customer Management Service:** Spring Boot with Kotlin, JPA, PostgreSQL Online shopping integration.
- Havelsan Teknoloji Radar A.Ş.** Akyurt, Ankara, Turkey
Intern, Research and Development Directorate Aug 2019 - Sep 2019
- Aselsan A.Ş.** Gölbaşı, Ankara, Turkey
Intern, Radar and Electronic Warfare Systems, Radar Mission Software Directorate July 2019 - Aug 2019
- Türksat Uydu Haberleşme Kablo TV ve İşletme A.Ş.** Gölbaşı, Ankara, Turkey
Intern, IT Research and Development and Technology Directorate Aug 2017 - Sep 2017

SKILLS

Qualification	Experience	Description
Java	4 yr.	Spring Framework, Hibernate Framework
Kotlin	2 yr.	RxJava, Retrofit, OkHttp, Stomp WS
Python	4 yr.	Tensorflow, OpenCV, MQTT, Django, Flask
C	4 yr.	OpenMPI, POSIX Threads
JavaScript	3 yr.	Node, React, Express
SQL	4 yr.	PostgreSQL, MySQL
NoSQL	3 yr.	MongoDB, Firebase, Elastic Search, Hadoop
Containerization	3 yr.	Docker
VCS	4 yr.	Git, GitLab, BitBucket
DevOps	2 yr.	GitLab CI, Jenkins
Build Automation Sys.	3 yr.	Maven, Gradle, Npm, Yarn, Make
Authorization / SSO	2 yr.	OAuth, Kerberos, JWT, Active Directory
MATLAB	1 yr.	Scientific Programming, Machine Learning, Deep Learning
Other	2 yr.	JIRA, Postman, PgAdmin, RabbitMQ

PROJECTS

- **Play2Gether:** A platform for listening to music together for Spotify. It consists of two parts as backend and frontend. The backend side is developed with Spring Framework. On the application side, an Android appl has been developed using Kotlin.
- **Predict Future Sales - Kaggle Competition:** Predicting future sales with LSTM model generated with MATLAB.
- **Classifier with Artificial Neural Network:** Classification for MNIST dataset from scratch using Java.
- **Forex Parity Prediction:** Predicting FX parities with LSTM architecture, TensorFlow and Keras.
- **Beowulf Cluster:** N-gram analyzes using Message Passing Interface (MPI) library on Ubuntu Server cluster.
- **ArgGIS App:** Spring Framework integrated with ArcGIS API and Spring Security Kerberos configuration.
- **Kerberos Authentication:** Spring Security and Apache Kerby configuration.
- **Journal Finder Software:** Data Mining Project, using Python SciKit and SkLearn Libraries with Python Flask Framework.
- **Similarity Detection:** Data Mining Project, using Python SciKit and SkLearn Libraries.
- **WireGuard VPN Hotspot with TOR Network:** Raspberry Pi 3, Ubuntu Server and Shell Scripting.
- **CryptoDrive:** Google Drive API and Java Cryptography Extension.
- **Survey System Software:** Database, Logging, Authentication using Spring Framework, Apache Spark, MongoDB, Active Directory, Elastic Search, GrayLog.
- **Car Plate Detection:** Python with OpenCV library from live CCTV streams.
- **Online Consulting App for Android:** FirebaseDB and Authentication, Gelecegi Yazan Kadinlar Instructor Training
- **Multithreaded Download Software:** C and POSIX Thread Libraries.
- **Assembly Data Encrypter-Decrypter and Patcher for cracking:** MASM Assembler and Irvine32 Library.
- **METCM Weather Report Management Software:** GUI with Java Swing Library.
- **MetaTrader Indicator Plugin:** Trend Alert written with MQL4.
- **8-Puzzle Solver:** A* Search algorithm implementation with Java.

CONFERENCES

- **Bilmök:** Muğla Sıtkı Koçman University, 2019
- **WTM:** Antalya Bilim University, 2018
- **Turksat Smart Cities Conference:** Akdeniz University, 2018
- **GDG DevFest:** Akdeniz University, 2018
- **Bilmök:** Yeditepe University, 2017
- **GDG DevFest:** Antalya Bilim University, 2017
- **Observation Technologies, Big Data and Space Research Robots:** Erciyes University, 2015

LANGUAGES

- **Turkish:** Native
- **English:** C1
- **German:** A1