

Furkan Varol

furkanvarol.com | furkanvarol@gmail.com

EDUCATION

YILDIZ TECHNICAL UNI.

MEng in Computer Engineering
Started Feb 2016 | Istanbul, Turkey

FATIH UNIVERSITY

BS in Computer Engineering
Grad. June 2014 | Istanbul, Turkey
CGPA: 3.72 / 4.0

FH VORARLBERG

BS in Computer Science, Erasmus
Feb - June 2012 | Dornbirn, Austria
CGPA: 3.67 / 4.0

LINKS

Github:// [furkanvarol](#)
LinkedIn:// [furkanvarol](#)
Twitter:// [@furkan_varol](#)

SKILLS

Love:

Java • Scala • C# • Python
Android • Spring • Play
Spark • Hadoop • AWS
IntelliJ IDEA • Sublime • ViM • Git
RFID • NFC • BLE • Beacon
Like:
C • C++ • Javascript
GWT, SmartGWT • .Net • AngularJS
Redis • RabbitMQ • SQL • NoSQL
Familiar:
Ruby • iOS • TeX

CERTIFICATES

SOLUTIONS ARCHITECT

Amazon Web Services
May 2016 | Associate

BIG DATA WITH SPARK

edX
July 2015

RFID ACADEMY

Alien Technology
June 2014

HIGH HONOR STUDENT

Fatih University
2010 - 2014 | Istanbul, Turkey

REFERENCES

Available upon request

OPEN SOURCE

SPARK-ETL | [github.com/vngrs/spark-etl](#)

August 2016 - Present

Lead and developed ETL system on top of Apache Spark. Spark-ETL is highly scalable and distributed. It support range of variety of data sources. With them, it can extract data from N sources, transform them and load them to N destinations [Scala, Spark, ...].

EXPERIENCE

ZALANDO SE | Software Developer

September 2016 - Present | Berlin, Germany

- Maintaining, optimising and improving Zalando's recommendation engine.

VNGRS | Software Developer

June 2015 - August 2016 | Istanbul, Turkey

- Developed a POC for customer segmentation for ad targeting [Java, Spark].
- Lead and developed data warehouse system (including ETL of production data and visualising it) [Scala, Spark, Redshift, QuickSight].
- Lead and developed sentiment analysis system to report affects of society sentiment on sales [Scala, Spark, SparkML].
- Lead and developed customer unification system [Scala, Spark].
- Maintained, optimised and developed new features on Convertale project. Convertale is a recommendation engine for e-retailers and news portals works on top of Amazon Web Services [Java, Scala, Spring, Spark, RabbitMQ, Redis, ...].

VENDEKA | Software Developer

Dec 2013 - May 2015 | Istanbul, Turkey

- Developed SenseBlue project which uses Apple's iBeacon technology. SenseBlue allows people to be tracked (with proximity) by smart devices. Also allows to track objects for cheaper warehouse management solutions - alternative to RFID systems like Akdeniz [Java, Android, Python, Flask, RaspberryPi, ...].
- Developed new features and fixed bugs on existing Akdeniz project. Akdeniz is a Smart Warehouse Management System with RFID Technologies [Java, SmartGWT, GWT, .Net, JavaScript, ...].

CYCLOPS INF. TECH. | Android Developer Intern

July 2012 - Aug 2012 | Istanbul, Turkey

- Developed and optimised an Android tracking client which is integrated with a working system [Java, Android].

GRIPATI DIGITAL ENT. | Android and iOS Developer Intern

Nov 2011 - June 2012 | Istanbul, Turkey

- Developed and optimised iPhone and Android game - CorridorFly [JavaScript, Unity 3D, Android].

SENIOR DESIGN PROJECTS | Computer Engineer Student

Dec 2013 - May 2014 | Istanbul, Turkey

- Lead and developed mobiCard (a NFC loyalty system, works Software as a Service) [Scala, Play, Java, Android, .Net].

Mar 2013 - June 2013 | Dornbirn, Austria

- Lead and developed a mobile chat application (Nearby Chat) which does not require a server (only works on devices in same network - WiFi) [Java, Android].

RESEARCH

SHELF SORT

Jan 2015 - Present | Istanbul, Turkey

Worked with Assist. Prof. Dr. İhsan Haluk Akin to develop a sorting algorithm based on Library Sort (puts gaps to accelerate Insertion Sort). Shelf Sort tries to analyze data first and takes advantage of the state for further acceleration.