

# Nihad Azimli

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## Experience

### Data Engineer — Getir

Sep 2019 — Present

- Developed Apache Airflow for periodic crons within 2 phases: First phase with Celery Executor, second phase converting to Kubernetes Executor
- Delivered new architecture for company logs using Python, AWS Firehose, AWS Athena, AWS S3 and AWS Lambda. Reduced AWS Athena costs by 200%.
- Performed data migration for log data from MongoDB and AWS S3 to adopt all log data to recently developed architecture using Apache Spark, Python, AWS Lambda.
- Built customized JupyterHub in Kubernetes for data team common development environment.
- Building stream data processing pipeline using AWS Kinesis and Dynamodb for live user sessions (early stage)

### BI and DWH Developer — TAB Food Investments

Sep 2018 — Sep 2019

- Developed reports with Qlik Sense and Qlik View for 2300 quick-service restaurants of Burger King in China and Turkey
- Implemented conversion from SQL SSIS to Apache Airflow to ETL processes
- Created new data sources with web crawling using Selenium and Python
- Developed and maintained SQL queries and stored procedures in Parallel DWH
- Developed Bamboo for continuous deployment of the company website

### Software Developer — T2 Software

Aug 2017 — Jan 2018

- Conducted Stock Market prediction with Sentiment Analysis Project
- Worked on Data Mining and Sentiment Analysis with Python and TensorFlow
- Used Technologies: MongoDB, TensorFlow

### Software Developer Intern — T2 Software

Jun 2017 — Aug 2017

- Part of Stock Market prediction with Sentiment Analysis Project
- Worked on Data Mining and Classification with DynamoDB, TensorFlow

## Education

**Bilkent University, Ankara** — BSc Computer Engineering

Aug 2014 — Aug 2018

- Honour student in fall semester 2015-2016
- Member of Institute of Electrical and Electronics Engineers (IEEE) student club

### Senior Design Project:

- *Drector* a hybrid mobile application to keep track of drones and quadcopters in surroundings.

GitHub: <https://bit.ly/2BIMkpT>

News: <https://bit.ly/3dHHHKD>

## Skills & Abilities

Platforms: Amazon Web Services, Microsoft Azure

Databases: RedShift, MongoDB, MySQL, DynamoDB

Languages: UNIX Shell, Python, Java

Data Tools and Services: Docker, Apache Airflow, Kubernetes, Apache Spark, AWS Athena, AWS Kinesis, AWS CDK, Ansible, AWS EKS, AWS Lambda, Apache Superset, Azure DWH

BI tools: Qlik Sense, Qlik View

## Languages

English - Fluent

Turkish - Native

Russian - Intermediate

Azerbaijani- Native

## Honors & Awards

- Winner of the full scholarship for 5 years of undergraduate degree at Bilkent University, Ankara.
- Finalist of the Youth Leadership Program by the US State Department in Seattle, USA.