

EDUCATION

University of California, San Diego , California	09/18 - Expected 12/19
Master of Science in Computer Science, Artificial Intelligence depth	
Koc University, College of Engineering , Istanbul Turkey	09/14 - 06/18
Bachelor of Science in Computer Engineering, GPA 3.66/4.00	
Hong Kong University of Science and Technology , Exchange Program, Hong Kong	01/17 - 06/17
Nanyang Technical University , Minor in Entrepreneurship track, Singapore	06/16 - 07/16

Relevant Coursework Machine Learning, Artificial Intelligence, Database Management, Software Engineering
Data Structures, Design and Analysis of Algorithms, Object Oriented Programming

EXPERIENCE

Kairos Future, Data Scientist and Software Engineer , Istanbul	07/18 - present
<ul style="list-style-type: none">Working on the backend development of a cloud big data analytics serviceImplemented distributed operations related to NLP such as preprocessing, topic modelling(LDA, Word2Vec and Doc2Vec + clustering), topic and key phrase extraction using Gensim, (Py)Spark and PythonAnalyzed Sweden's biggest e-commerce website's data(30gb) using Python, Pandas, Scikit-learn and Matplotlib with machine learning models and statistical methods which answered more than 20 business questions, created reports and data visualizations that were directly used in customer meetings	
Hospital on Mobile, Lead Backend Developer , California	07/17 - present
<ul style="list-style-type: none">Leading backend development team of 3 to create a personalized AI healthcare assistant in a startupDesigned, implemented and deployed the initial architecture that handles data collection from the patient app using Java Spring, MySQL, Docker, Git and AWS	
Koc University, Undergraduate Research Assistant , Istanbul	06/17 - 06/18
<ul style="list-style-type: none">Investigated spread dynamics of flu virus using a simulation under Dr. Barış Akgün, applied machine learning models to find patterns in flu transmission and illness severity	
Monitise MEA, Backend Software Development Intern , Istanbul	07/17 - 09/17
<ul style="list-style-type: none">Designed the intern project where users can message, share deals and trade coupons with other internsImplemented the backend using Java Spring, Hibernate, MySQL, Git and Gerrit Code Review	
HackUST 2017, Unite App , Hong Kong	06/17
<ul style="list-style-type: none">Designed a taxi sharing algorithm that aims to reduce traffic congestion in crowded cities in a team of twoProgrammed the backend and the taxi sharing algorithm using Node.js, deployed on AWS EC2Ranked top 5 in the biggest hackathon of Asia with more than 600 participants in the transportation theme	
Vodafone Oksijen, Software Development Intern , Istanbul	07/16 - 12/16
<ul style="list-style-type: none">Deployed necessary components such as Apache Spark, Storm, Kafka and Cassandra on Linux servers for a big data streaming project that aims to offer relevant GSM packagesImplemented a Java simulation to generate a streaming environment with randomly generated dataCreated a patent proposal on behalf of Vodafone titled "Dynamic targeted advertisement in public places"	
Koc University, Undergraduate Teaching Assistant , Istanbul	07/15 - 01/16
<ul style="list-style-type: none">Taught weekly problem sessions for the "Introduction to Java" course to more than 20 students	

ADDITIONAL INFORMATION

Programming Java, Python, Node.js(JavaScript), Android(Java), C++, C, Scheme (Descending proficiency)
Languages Turkish (Native), English (TOEFL 111), French (Intermediate)