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EDUCATION

University of California, San Diego, California   09/18 - Expected 06/20
> 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
- Working on the backend development of a cloud big data analytics service
- Implemented 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 Python
- Analyzed 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
- Leading backend development team of 3 to create a personalized AI healthcare assistant in a startup
- Designed, 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
- 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
- Designed the intern project where users can share deals and trade coupons with other interns
- Implemented the backend using Java Spring, Hibernate, MySQL, Git and Gerrit Code Review

HackUST 2017, Unite App, Hong Kong   06/17
- Designed a taxi sharing algorithm that aims to reduce traffic congestion in crowded cities in a team of two
- Programmed the backend and the taxi sharing algorithm using Node.js, deployed on AWS EC2
- Ranked 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
- 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 packages
- Implemented a Java simulation to generate a streaming environment with randomly generated data
- Created a patent proposal on behalf of Vodafone titled "Dynamic targeted advertisement in public places"

Koc University, Undergraduate Teaching Assistant, Istanbul   07/15 - 01/16
- 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), Scheme(LISP)
Languages Turkish (Native), English (TOEFL 111), French (Intermediate)