

Alptekin Önder

Computer Engineer

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Education

- Bilkent University, Computer Engineering, 2021
- Graduated with 3.03 GPA
- Courses Taken

Object-Oriented Software Engineering	Introduction to Machine Learning	Introduction to Data science
Computer Networks	Operating Systems	Programming Languages
Fundamental Structures of CS I, II	Machine to Machine Systems	Algorithms
Automata Theory	Software Engineering Project Management	

Experience

08.2019– 09.2019

Internship | Micro Service Management | Apinizer

I worked with Docker and Kubernetes for microservice management.

I used time-series database influxDB in a project with Docker and Kubernetes.

08.2020– 09.2020

Internship | Data Science | AVE Bilişim

I worked with analytics engine Apache Spark on large scale data processing.

I worked with distributed data streaming platform Apache Kafka and managed data streams to Apache Spark.

Projects

- Simple Bug Tracker: Java Spring Boot is used for backend. React.js used for frontend. Backend deployed to amazon AWS EC2. Frontend deployed to amazon AWS Amplify.
- VISP Senior Design Project: AR and Image recognition project with using Unity, Vuforia, Firebase technologies. Recognized objects linked to media files and displayed in AR with mobile phones.(Group)
- Online Board Game: Online version of board game Seven Wonders. Both client and server side coded with java. JavaFX is used for client-side UI and backend deployed to amazon AWS servers. (Group)
- Android Project: First year java project, “Bilconnect”: an android application to raise awareness about university problems. Bilkent University members can share their complaints and announcements. In this project Android Studio and Firebase database is used. (Group)
- Machine Learning (Reinforcement Learning Project): Machine Learning project. Reinforcement learning is used for teaching how to play Demon Attack game. Open AI and python libraries are used.(Group)

Languages

Turkish , English

Programming Languages

Java, C++, Python, C#

Extra-Curricular Activities

ACM Bilkent 2019-2020 Executive Committee Chair

ACM Bilkent 2018-2019 Active Member, organized and participated in club events.