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 sides 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.