Muhammed Said Kaya

Curriculum Vitae

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About

4th Grade Undergraduate Student, who very motivated , determined and industrious about improving himself, at Hacettepe University, Computer Engineering

Experience

10/2020-present **Software Developer - Part Time**
TUBITAK BILGEM YTE *Ankara/Turkey*

Worked on The "Collection", "Receivable", "Asset" microservices of the "MGM" project, which enables the joint management of the accounting transactions of all public institutions and organizations within the scope of the central government budget.

07/2020-08/2020 **Software Engineering Intern**
TUBITAK BILGEM YTE *Ankara/Turkey*

Education

2017-present **Bachelor of Computer Engineering** GPA: 3.27/4.00
Hacettepe University *Ankara/Turkey*

2016-2017 **English Preparatory Class**
Hacettepe University School of Foreign Languages *Ankara/Turkey*

2015-2016 **Keçiören Uğur High School** *Ankara/Turkey*

Languages

Turkish : Native
English : Upper-Intermediate

Volunteer Experiences

10/2020-present **R&D - Organization Committee Member**
PyLadies Ankara *Ankara/Turkey*

Computer Skills

Languages and Frameworks

- JavaScript
- React/Redux
- Ember
- Express
- MySQL
- PostgreSQL
- MongoDB
- Solidity
- Flutter

- Python
- C
- Java
- Spring
- Hibernate
- Docker
- Git
- Kafka
- ELK Stack

Knowledge

- Object Oriented Programming
- Database Design
- Design Patterns
- Microservice Architecture
- Blockchain Technology

- Functional Programming
- RDBMS
- NoSQL
- Linux
- Ethereum/Quorum

Academic Interests

- Blockchain
- Web Development

Projects (on Github)

Spring - 2021 — **Web Application : Cloud Firestore Database Demo**

Hacettepe University Design Patterns Course - Project

  - ReactJS - Redux - JSON/XML Formatter
  - Command Pattern is used for encapsulating CRUD operations on any document and by using this stack of commands, undo and redo operations are created.

Spring - 2021 — **Restful Web Service - File Repository in Ethereum**

Hacettepe University Design Project Course - Project

  - ExpressJS - Web3JS - Ganache - Solidity
  - A file repository that enables the acceleration of document flow and authorization mechanism between institutions and people has been created with a smart contract on local Ethereum chain which is Ganache. Access to this smart contract has been accomplished through the restful web service written in ExpressJs using the Web3Js

Fall - 2020 — **Paper : Quorum Permissioned Blockchain**

Hacettepe University Design Project Course - Project

  - Literature Review Blockchain, Ethereum and Quorum
  - GoQuorum Wizard CLI - Cakeshop GUI Analysis

Fall - 2020   **Paper : Social Media in Blockchain**

Hacettepe University Blockchain Course - Project

- Traditional social media problems
- Blockchain-based social media platforms analysis

Fall - 2020   **Mobile/Arduino Application : Bluetooth RC Car**

Hacettepe University Wireless And Mobile Networks Course - Term Project

- Flutter - C
- Developed a remote-controlled car for video surveillance. This car is controlled
  by an Android app, and the visual data is observed on any web browser connected
  to the same network as the car.

Fall - 2020   **Desktop Application : Crypto Messenger - Multi Client/Broadcast Server**

Hacettepe University Information Security Course - Project

- Java Swing GUI
- Socket Programming
- Symmetric Block Ciphers: AES - DES

Summer - 2020   **Web Application : Activity Management System**

Tübitak Bilgem YTE Software Engineering Internship - Project

- ReactJS
- Google Map - Geocode - Firebase
- Spring Web- Spring Data JPA- Spring Security
- PostgreSQL

Spring - 2020   **Web Application : Bookstore**

Hacettepe University Software Engineering Course - Term Project

- ReactJS
- Spring Web - Spring Data JPA - Spring Security
- MySQL

Fall - 2019   **Web Application : Shopping Platform**

Hacettepe University Database Management System Course - Term Project

- MySQL Procedures - Functions - Triggers
- PHP - HTML - CSS

Social Activities and Hobbies

○ Origami
○ Video Games
○ Soccer
○ Basketball