

Ahmet Hakan Yilmaz

+905051178520 | nkyahse1999@gmail.com | website | github | linkedin

Education

Bilkent University

Bachelor of Computer Science, GPA:3.41

Ankara, Turkey

Sept 2018 - June 2023 (Expected)

Work Experience

Dogus Technology

Software Engineer Intern

Istanbul, Turkey

July 2022 - Sept 2022

- Worked on Zebra which is a web project with microservice architecture for vehicle loan services.
- Implemented service for SMS verification on a **.NET Core** project using **C#**.
- Implemented frontend changes on the Node.js project using **VueJs** and **Pug** according to customers requests.
- Made **SQL to LINQ** conversions for decreasing dependency to stored procedures. Wrote **xUnit tests** to test changes.

Tetra Enginnering

Software Engineer Intern

Ankara, Turkey

Aug 2021 - Sept 2021

- Worked on Tetra Business Solutions (TBS) which is web and android project that enable companies to follow their workflows.
- Designed screens for the existing **Android** project and implemented service methods on the **.NET** project to feed these screens from database.
- Worked on improving database efficiency using **MS SQL** tools. Improved database performance approximately 4% percent using different indexing strategies in some use cases according to SQL profiler.

Projects

Meeting Arranger

Mobile Project (Individual)

Mar 2022 - June 2022

- Developed a user friendly meeting arranger app using **Flutter (Dart)** for me and my friends to decide optimal meeting times. Used **Firestore** for the database. Published it in Google Play Store.

Thread Scheduling Simulation

C Program (Group)

Feb 2022 - March 2022

- Developed a multithreaded **C program** in Linux that simulate the different types of scheduling that CPU can use.
- Used mutex locks, condition and mutex variables. Became familiar with multithreaded programming and different scheduling strategies.

ClubVerse

Web Project (Group)

Nov 2021 - Jan 2022

- Developed a web project for handling university club and student relations using **Spring Boot (Java)**, **PostgreSQL**.
- Worked on the backend and database part of the project.
- Learned and prepared different types of **UML** diagrams for reporting purposes.

Skills

Programming Java, C/C++, C#, Python, Dart, JavaScript, SQL (MS SQL , SQLite, PostgreSql)

Miscellaneous Android, Flutter, Pytorch, Firebase, Git, UML, Design Patterns

Achievements

| | |
|--|----------------|
| 2439th place worldwide and advanced to 2nd round in Meta Hacker Cup | 2022 |
| 7th place in ITU ACM AlgoComp'22 among more than 300 teams | 2022 |
| Finalist (Top 15) in Hacettepe University Programming Contest among 206 teams (HUPROG) | 2022,2019 |
| Bilkent University Comprehensive Scholarship and Presedential Scholarship | 2018 |
| 41th and 126th places in the National University Entrance Exam (YKS) among more than 2 million people | 2020,2018 |
| First place in Cankaya University Mathematics Competition among 51 High Schools | 2018 |
| 2 Gold and 1 Silver medals in Akdeniz University Mathematical Olympiads | 2017,2016,2015 |
| Silver Medal in TUBITAK National Mathematical Olympiads | 2014 |