

## YASEMİN ÖZKUT

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## EDUCATION

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### SABANCI UNIVERSITY

3.58/4.00 • Expected February 2024 • Istanbul, Turkey

**Honors/Awards:** Three terms High Honor Certificate (GPA higher than 3.5), 25% Scholarship

*B.S in Computer Science and Engineering, Faculty of Engineering and Natural Sciences (Junior)*

- Course Highlight: Introduction to programming with Python, Advanced Programming with C++, Data Science, Database Systems, Mobile Application Development, Data Structures, Probability, Statistical Modelling, Discrete Mathematics, Software Engineering, Computer Networks, Algorithms, Machine Learning

*Minor in Business Analytics, School of Management*

- Course Highlights: Introduction to Data Analysis and Research in Business, Introduction to Business Analytics, Optimization Modeling in Business Analytics

### SEV AMERICAN COLLEGE

September 2014-June 2019 • Istanbul, Turkey

## WORK EXPERIENCE

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### FURTHER NETWORK

July – August 2022 • Istanbul, Turkey (Online)

*Front End Developer Intern*

- Gained knowledge about React Native by improving Furtherpass application which aims to provide easy travel planning in the new pandemic conditions such as finding laboratories for testing.
- Worked on front-end application development.
- Added password show-hide feature and navigation of registered but not activated users to email confirmation.

### MONOVI

January - February 2022 • Izmir, Turkey (Online)

*Computer Science Intern, Incudemy Program*

- Gained basic knowledge about SQL, PowerApps, and Balsamiq and implemented our knowledge by designing a warehouse management system as a group in 2 weeks internship.
- Wrote business analysis document as a group. Explained our purpose, scope, and process flow diagrams.
- Designed a database and ERD in MSSQL, an application MockUp in Balsamiq, and the application itself in PowerApps with low code for warehouse management system as a group.

## PROJECTS

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### Agile Full Stack Software Development Project

October 2022-January 2023

- Implemented a full stack web application for Turkish Football Federation with MongoDB, Express.JS, React.JS, Node.JS.
- Designed a better Turkish Football Federation site including statistics, data for visualization, better referee assignments, and better GUI design.
- Learned the concepts of version control, scrum meetings, handling sprints, deployment; enhanced teamwork skills; and learned full stack web development from scratch.
- Done automated testing with Selenium and API documentation with Swagger.

- Computer Networks Course Client-Server Application Project** October 2022-January 2023
- Implemented client-server multiple player simple quiz game GUI application using C# and TCP sockets
- Peak Games Unithon Event Project** October 2022
- Chosen among hundreds of applications to participate in the event
  - 2 days case study competition about Toon Blast Application working on several game levels
- Database Systems Course Term Project, Sabancı University** February 2022-June 2022
- Designed a simple database and website for social media using MySQL, HTML, PHP, CSS.
- Mobile Programming Course Social Media App Term Project** February 2022-June 2022
- Implemented a Social Media Application with Flutter.
  - Understand the logic behind interface design, validation checks, Firebase Analytics, Firebase Crashlytics, Firebase core, authentication etc.
  - Create a well-designed social media interface and link it to Firebase backend service
  - Enhanced the team-work skills
- Data Structures Course Mini Projects, Sabancı University** February 2022-June 2022
- Completed 1-2 weeks mini projects such as random maze generator using stacks, implemented simplified version of a notebook using AVL Search Tree and Binary Search Tree and compared their speeds, implemented a simplified version of search engine using Binary Search Tree and Hash Table and compared their speeds.
- Data Science Course Term Project, Sabancı University** November 2021-December 2021
- Learned more about exploratory data analysis, hypothesis testing, and machine learning models for data science.
  - Worked on a group term project about predicting the Metascores of the movies with Python using different machine learning models which were linear regression, random forest, and kNN models.
- Advanced Programming Course Mini Projects, Sabancı University** October 2021-January 2022
- Completed 1-2 weeks mini projects such as building simplified version of Minesweeper game with matrix, add-drop period of the university courses using linked lists, and IETT bus line/stop management system with 2D hybrid linked list structure.
- Interface Design Course Term Project, Sabancı University** October 2021-January 2022
- Designed the interface and prototype of a mobile application about indoor and outdoor navigation on Sabancı Campus using Figma only.

## **SKILLS**

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**Language:** Turkish (Native), English (Advanced)

**Computer:** C++, Python, MongoDB, React.JS, Node.JS, Express.JS, C#, Git, Postman, Android Studio, Flutter, Dart, Xcode, SQL, Firebase, Visual Studio, Socket Programming, Microsoft Office Applications (Excel, Word, PowerPoint), Figma, LaTeX

## **ACTIVITIES**

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**SuDance (Dance club), Sabancı University – Board Member**

June 2021 – August 2022

**SuDance (Dance club), Sabancı University – Active Member**

September 2019 - Present

## **VOLUNTEER WORK**

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**Civic Involvement Project in Sabancı University**

February-June 2020

- Tutored fourth grade students about social awareness and spent time with them at state elementary school.