Fatih ATES

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ACCOUNTS	**GitHub**: `fatiiates`(Anchor) **LinkedIn**: `fatiiates`(Anchor)

EDUCATION

Bachelor, Computer Engineering, CGPA: 3,75/4,00
Bursa Technical University, Bursa TR September 2019 - Currently...
Bachelor, Computer Engineering, CGPA: 3,82/4,00
Kutahya Dumlupinar University, Kutahya TR September 2018 - June 2019
High School, Database Programming/IT, 82,41/100,00
Tophane Vocational and Technical Anatolian High September 2014 - June 2018
School, Bursa TR

EXPERIENCE

Scholarship Holder - Project Based — Tubitak, Bursa TR

- I am developing software for Professor Turgay Tugay BILGIN's project supported by TUBITAK. I develop with PHP(REST API), Vue.js(Front-end), and rarely Python(Desktop).

Web Developer - Freelance — Cankaya Energy, Eskisehir TR

- Frontend design, SEO services, all hosting operations and deploy to last user have been realised by me since 2019. Developed with PHP and MySQL. You can view the website here.

PROJECTS

- **Data Structures**: Implementation of AVL tree, Stack, CDLL and ArrayList structures on C ++ language with two different applications. Detailed explanation is available in github readmes.
  - `AVLTree and Stack`(Anchor)
  - `CDLL and ArrayList`(Anchor)

- **Backgammon Game**: Backgammon game developed with C# WFA. An open source project where my OOP knowledge can be tested.
  - `Source code and site link`(Anchor)

- **BTU CSE Telegram Bots**: Telegram Bot that pulls announcements entered on the CSE Program's website(`bilgisayar.btu.edu.tr`) and sends a message to the Telegram group of BTU CSE. Developed with Python and deploy on Heroku. You can find the relevant announcement here.
  - `Source code`(Anchor)

- **Algoritmahane**: A web application that measures the performance of search algorithms or sorting algorithms in the entered or randomly generated data set. Developed with TypeScript, Redux, Axios, Next.js and deploy on Heroku. Also, operations are realised with the REST API in App.
  - `Source code and site link`(Anchor)

- **RESTful API**: A RESTful web service prototype where users can register, login, logout and perform file operations (upload, download, remove). Developed with Express.js.
  - `Source code`(Anchor)

- **Statistics**: A web application that calculates mode and median values of sample and visualizes the data of sample with a Histogram. Developed with Express.js and deploy on Heroku.
  - `Source code and site link`(Anchor)

– **Optimization on Python**: A project in which Particle Swarm Optimization(PSO) and Simulated Annealing(SA) optimization algorithms are developed on Python language and examined with 4 test functions.

  - `Source code PSO(Anchor)`
  - `Source code SA(Anchor)`

– **Data Mining**: A project where I developed a model with a 95% accuracy rate using the Naive Bayes method on the WBC dataset (WBCD) and analyzed the model.

  - `Source code and analysis(Anchor)`

SKILLS

- NodeJS
- JScript/TScript
- REST APIs

- MongoDB
- Python
- OOP/OBP

- T-SQL
- JSON/XML
- Ubuntu

- React.js/Next.js
- C/C++/C#
- Firebase/Heroku

LANGUAGES

- **English**: Listening: B2, Speaking: B1, Reading: B2, Writing: B1

REFERENCES

Prof. Dr. Turgay Tugay BILGIN, Bursa Technical University, `Web Site(Anchor)`
turgay.bilgin@btu.edu.tr