

Fatih ATES

PERSONAL

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EDUCATION

Bursa Technical University, B.Sc. in Computer Engineering [✉](#)
Bursa, Turkey — **CGPA: 3.83/4.00** Sept 2019 - June 2022
Tophane Technical Anatolian High School, Database Programming [✉](#)
Bursa, Turkey — **Grade: 82.41/100.00** Sept 2014 - June 2018

OPEN-SOURCE As a contributor

Google Summer Of Code '21 — Cloud Native, CNCF [✉](#)

- I have created a Jenkins plugin that provides DSL so that Buildpacks can be used in Jenkins pipelines. Tech stack: **Buildpacks, Java, Groovy, Jenkins, Docker**

Buildpacks [✉](#)

- I fixed the issue that prevented the `--buildpack` option from overwriting the old buildpack by creating whiteout layers. Tech stack: **Buildpacks, Go, Docker, OCI, Tarball**

Bitnami Moodle Image [✉](#)

- In order to get moodle containers behind the load balancer, I ensured that the necessary configurations can be initialized via YAML files. Tech stack: **Docker, Shell**

As a maintainer

Telegram chatbots for Bursa Technical University [✉](#)

- I have developed a bot that sends the announcements published on the website of the CS department to the Telegram group that includes the entire CS department, which has been actively used for 1.5 years.
 - I contributed to the increase of the university base score by 26 points by developing a telegram bot that students use to get information about the university during their preference process.
- Tech stack: **Python, Telegram, Heroku**

Algoritmahane [✉](#)

- I developed an internationalized web application that measures the performance of search and sorting algorithms on the given dataset. **Next.js, TypeScript, REST**

Istatistiksell [✉](#)

- I have developed a web application that calculates and presents statistical data such as mode, median of a given dataset. Tech stack: **Express.js, REST, EJS**

EXPERIENCE

Software Engineer - Scholarship, TUBITAK [✉](#)

Dec 2020 - Present

- I am developing a web service that communicates with an editor developed with Python and a web interface that I am developing in parallel.
- I am responsible for processing the logs obtained from the editor with data mining, Ubuntu server administration and for the management of a small team. Tech stack: **PHP, Vue.js, Node.js, Python, MySQL, Docker, Ubuntu, GitHub**

Software Engineer - Intern, BBB [✉](#)

Oct 2021 - Jan 2022

- I carried out POC processes by finding open source alternatives for applications that meet the needs of the municipality. Tech stack: **Debian, Docker, Moodle**

Jr. Content Hacker - Intern, JotForm [✉](#)

Aug 2021 - Sept 2021

- I created a web-based SEO tool for the company. This tool includes in-depth scanning of data on the site and reporting. Tech stack: **PHP, React.js, Redis, MySQL**

Full Stack Engineer - Project Based, Cankaya Energy [✉](#)

Sept 2020 - Oct 2020

- I took on all the tasks from the development of a website to its deployment. This is my first freelance experience. Tech stack: **PHP, JavaScript, MySQL**

PROJECTS

Asynchronous Scraper ↗

- I developed a scraping tool that allows asynchronous scraping of music from the 8notes website. **Node.js**

Notepad ↗

- I have developed a notepad application that runs entirely on the CLI but has dialogs.

Shell, Whiptail

Data Mining ↗

- I developed and analyzed a working model with 95% accuracy using Naive Bayes method on WBC dataset (WBCD). Tech stack: **Python**

Backgammon

- Backgammon game developed as a two-dimensional Windows form application. Tech stack: **C#, OOP, WFA**

RESTful Web Service ↗

- I have developed an application that allows the user to perform basic session and file operations. Tech stack: **Express.js**

Optimization

- I implemented the SA and PSO algorithm on Python and tested it on 4 test functions.

Tech stack: **Python, Test Functions**

- Implementation of PSO ↗

- Implementation of SA ↗

Data Structures

- I implemented AVL tree (with Stacks) and CDLL (with ArrayLists). Tech stack: **C++**

- Implementation of AVL tree ↗

- Implementation of CDLL ↗

REFERENCES

Prof. Dr. Turgay Tugay BILGIN, www.ttbilgin.com, turgay.bilgin@btu.edu.tr