

Mohammed S. Yaseen

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A software engineering student with over a year of professional work experience in personal projects as well as in a startup. Proficient in full-stack web development using nodeJs, expressJs, and reactJs as well as in multi-platform software development using electronJs. Loves to work in an international team with people from different backgrounds.

EDUCATION

BS of Computer Engineering
Bilkent University, Ankara, Turkey

Sep 2018 - Jul 2022

WORK EXPERIENCE

Part Time Software Engineer

Oct 2020 - Present

FileMap Inc, San Francisco, California / Ankara, Turkey (www.filemap.info)

- Designed and implemented an automatic online update system, which replaced the updates by mail.
- Designed and implemented a payment and subscription system using Stripe.
- Researched and developed refactoring and architectural designs for the client application.

Software Engineering Intern

Jul 2020 - Sep 2020

FileMap Inc, San Francisco, California / Ankara, Turkey (www.filemap.info)

- Learned electronJs, PaperJs, Stripe, and google FireBase serverless functions.
- Designed the backend-frontend communication, between the renderer and main processes of electron.
- Worked on image, video, and text processing, and thumbnail generation.

PROJECTS

Bilopoly (Bilkent version of monopoly game)

Sep 2020 – Jan 2021

Technologies used: Java, JavaFX.

Workers-pool (Open-source thread pool management tool)

Dec 2020 – Present

- Allows user to easily create a pool of workers, pass them some heavy tasks in the form of functions, and use them as if they were asynchronous Promise-based functions.
- Online at: <https://www.npmjs.com/package/workers-pool>.

www.TreeViz.xyz (Tree data-structures visualization tool)

May 2020 - Jun 2020

- Performs insert, remove, and build operations.
- Performs some operations that are not supported by any other visualization tool like converting a tree from one type into another as well as comparing multiple trees' visualizations in the real time.
- Technologies used: NodeJs, ReactJs, ExpressJs, REST API, Node C++ add-ons, HTML, and CSS.

WorkGround (CLI Task management tool)

Jan 2020 - Apr 2020

- Technologies used: C++, and Windows API.

SwapSwap (Second-hand things and services sharing platform)

Mar 2019 - Jun 2019

- Technologies used: Java Android app, FireBase DB and authentication, and XML.

CORE SKILLS

Programming/scripting languages: JavaScript, C++, Java, Python, HTML, CSS. **Frameworks/Libs:** NodeJs, ElectronJs, ReactJs, ExpressJs, FireBase DB, FireBase Auth, Stripe API, WindowsAPI, PaperJs, P5Js.

AWARDS, NON-TECHNICAL SKILLS AND INTERESTS

- Received an 80% tuition waiver based on success in the SAT exam.
- Awarded for having the highest grade in the national Baccalaureate exam in highschool.
- Speaks **Arabic, English, and Turkish** fluently as well as basic **French**.
- Enthusiastic about **graphic design** and competent at using **Adobe Photoshop** and **Illustrator**.