Emre Biçer

Software Engineer

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Experience

Logo Yazılım, Software Engineer   July 2020 - Aug 2021

- Worked with the LogoHR team for a year, helped my team maintain and improve web based HR projects with .NET MVC, .Net Core and jQuery by following the scrum principles, used Jira for issue tracking and git for version control.
- Automated manual CI/CD processes by writing a Python script and simplified the recurring tasks.
- Introduced mobile cross platform solutions to my team and contributed to a mobile application written in React Native.
- Worked as an intern with the Logo Retail team for a month, resolved bugs on the cloud based projects using C# and TS.

DEU Computer Engineering, Hardware Engineer Internship   Jan 2020 - Feb 2020

- Built a prototype of a medical sleeve using smart textile and gyroscope sensors connected to Arduino.
- Created a Windows Forms application that interfaces with Arduino via COM ports to monitor the gyroscope readings.

AirTies Wireless Networks, Software Engineer Internship   July 2019 - Aug 2019

- Developed a software for access point devices to perform network traffic analysis using C and JavaScript.
- Implemented the access point interface (that fetches real-time data) for web browsers.
- Wrote bash-scripts to gather and store data on a cloud database, using the Linux OS.
- Learned the TCP/IP and HTTP protocols to implement a private messaging program.
- Conducted experiments to maximize data throughput of access point devices with Python, achieved 30% improvement.

Education

Technical University of Munich - Computer Science *(M.Sc.)*   Oct 2021 - Present

Dokuz Eylül University - Computer Engineering *(B.Sc.)*   Sep 2016 - Oct 2020

- **Torch - Senior Project** (GitHub - Report)
  - Created an API that serves several machine learning models for image processing (Python 3, TensorFlow).
  - Trained CNN and k-NN machine learning models, implemented 4 different open-source models to the API.
  - Developed a back-end that serves the API and handles HTTP requests (Django framework).
  - Implemented an example progressive web application for mobile systems (jQuery).

Personal Projects

LockerApp - Password Manager (Play Store - Web)

- Encrypts the data and stores the passwords in an online database (firebase). Installed by 100+ people on the Play Store.
- Built with NodeJS/ VueJS for web and Flutter for mobile, used Heroku and Cloudflare for hosting.

Trader - A Cryptocurrency Trader Bot (GitHub)

- Trades cryptocurrencies in real-time by looking at certain indicators.
- Implements an open source Python wrapper for several Binance Rest API endpoints.

Technical Skills

Programming Languages: Java, Python, TypeScript, JavaScript, Go, Rust, C#, C++, Dart, Swift

Technical Interests: Backend development, developer focused software (APIs, CLIs, software tools…)

Other: Jira, Git, SQL, NoSQL, Linux, Bash Script, Firebase, GCP

Achievements / Awards / Certificates

TOEFL iBT Test - Score: 95 / 120, issued by ETS, measures English proficiency   Feb 2021

BMO Special Award - GBYF - Senior Projects / Open Source Software Category   Sep 2020

Third Place - Dokuz Eylul University - Have an Idea / Ideathon   Mar 2019

Second Place - İzmir Institute of Technology - Code of Duty / Game jam   Mar 2018

Language Skills

• Turkish (Native language)   • English (Advanced)   • German (B1.1)