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 develop several web based HR projects with .NET MVC, .Net Core and jQuery and contributed to a mobile application written in React Native by following the scrum principles, using Jira for issue tracking and using git for version control.
- Worked as an intern with the Logo Retail team for a month, contributed to the DivaPos and DivaMobile projects using C# and TypeScript on the .NET and React-Native platforms.

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

- Contributed in building a prototype of a medical sleeve using smart, conductive textile and gyroscope sensors connected to Arduino. Built 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

- Worked on the software of 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, worked with Linux OS.
- Learned the TCP/IP and HTTP protocols to implement a private messaging program.
- Conducted experiments to maximize throughput of access point devices with Python.

Education

Dokuz Eylül University - Computer Engineering *(BSc)*   Sep 2016 - Oct 2020

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

Personal Projects

LockerApp - Password Manager (Play Store - Web)

- Encrypts the data with AES encryption algorithm an stores them in an online database (firebase)
- Built with NodeJS/ VueJS (web front-end) and Flutter for mobile, hosted on Heroku

Polly - A Poll Application (GitHub - Web)

- Uses Deno to handle API endpoint requests, stores data on MongoDB
- Front-end is developed with VueJS, and an example project is hosted on Heroku

Technical Skills

Programming Languages: Java, JavaScript, TypeScript, Python 3, C#, C++, C, Swift, Go, Dart, R

Technology Stack: NodeJS, Django, .NET MVC/Core, VueJS, SwiftUI, React Native, Flutter, TensorFlow

Other: Git, SQL, NoSQL, Linux, Bash Script, Unity

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)