BERK YILDIZGORER

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EDUCATION

UNIVERITY OF FREIBURG   **Freiburg im Breisgau, Germany**
Master of Science in Computer Science   *Oct 2022 - …*

KADIR HAS UNIVERSITY   **Istanbul, Turkey**
Bachelor of Science in Computer Engineering   *Sept 2015 – July 2020*

- %50 Tuition Scholarship (based on the National University Entrance Exam ranking)
- GPA: 3.01 / 4.00
- Graduated with Honors Degree

EXPERIENCE

SIEMENS   **Istanbul, Turkey**
Software Developer   *July 2021-Sept 2022*

- Design and develop a global fire tracking and satellite imagery API and frontend by utilizing and combining many technologies like Liveua Map API, NASA FIRMS API, SkyWatch API, OpenLayer map service, Geoserver, Docker, NodeJS and ReactJS
- While building this application we have used micro service architecture to make it easier to scale both for user demand and future development opportunities
- Design and develop a Gstreamer python library to make pipelines run in parallels and/or sequentially
- Created a face and body recognition pipeline elements with Gstreamer by integrating OpenCV and open-source Python-Gstreamer wrapper software which made recognitions faster than using only OpenCV

Used Technologies: NodeJS, Express, RabbitMQ, Kafka, PostgreSQL, Docker, React, Geoserver, OpenLayer, Gstreamer, Python, Ubuntu 18.04/20.04, Mendix

HUAWEI   **Istanbul, Turkey**
Android Developer Engineer in Test   *Aug 2020 – July 2021*

- Built documentation & application test automation API using Python, Docker, and PostgreSQL
- Created a web application to utilize test automation API using JavaScript, HTML, and CSS
- Created Android Applications to test Huawei Mobile Services

Used Technologies: Pyhton, Flask, RabbitMQ, JQuery, PostgreSQL, Docker, JavaScript, HTML, CSS, Java, Kotlin

ACRON CONSULTING   **Istanbul, Turkey**
Business Intelligence Intern   *July 2019 – Aug 2019*

- Built web application for ACRON clients using SAP tools
- Utilized R programming language on SAP cloud system to predict profitability of new product lines based on models using proprietary data

IBTECH *International Information and Communication Technologies*   **Istanbul, Turkey**
Business Analyst and Tester Intern   *June 2018 – Aug 2018*

- Business Analyst and Tester Intern at IBTech, a QNB Finance subsidiary
- Gained proficiency in msSQL, Toad for Oracle, and "Core" – QNB Finance internal system application
- Tested mobile applications and submitted analysis results and reports
- Created self-monitoring and self-organizing Java GUI applications for QNB Finance domain

KADIR HAS UNIVERSITY   **Istanbul, Turkey**
Student Assistant   *Sept 2018 - Oct 2019*

- Worked with faculty professor in a machine learning project; created a machine learning model that can improve the accuracy of data location measurements
- Led a team of 5 students to develop Android and IOS applications for Kadir Has University providing students with a course selection application tool

Instructor at IEEE Computer Society   *Dec 2017 - Jan 2018*

- Lectured 25 students on a weekly basis to develop their programming skills
- Organized Python programming language classes for the IEEE student club

ZEO AGENCY, *Search Engine Optimization (SEO) Consultant & Digital Marketing Agency*   **Istanbul, Turkey**
Marketing Intern   *Jul 2016 – Sept 2016*

- Conducted detailed comparative analysis of search engine rankings on Screaming Frog SEO Spider Software; reviewed Turkish Fortune 500 companies to identify potential clients as directed by marketing manager
- Prepared marketing analyses to be used in sales presentations; participated in sales meetings

PROJECTS

Indoor Location System and Real Time Location System (RTLS)　　　　　　*June 2019 - June 2020*

- Developed online indoor RTLS software by using Ultra-wideband (UWB) sensors
- Designed scripting language that forms sensor paths; created a website for easy access to the RTLS software
- Used programming languages: Java, JavaScript, Python, PHP, HTML & CSS
- Used Softwares: Apache, Ubuntu Server 19.04

ADDITIONAL INFORMATION

- Languages: English (Advanced - IELTS 7.0)
- Programming languages & software: Python (Advanced), Java (Advanced), PHP (Advanced), Android Programming (Advanced), C++ (Intermediate), R (Intermediate), JavaScript (Intermediate), Kotlin (Intermediate), Office 360, msSQL, Toad for Oracle, Core, Knime, Linux Debian/Arch, Firebase, DTS, HTML & CSS, Apache, Docker, PostgreSQL
- Interests: Theater- Actor (BOHEM Youth), Movies and TV series, Basketball, Cycling

CERTIFICATION

Developing on AWS - Amazon Web Services (AWS)　　　　　　　　　　*June 2022*

Advanced Java SE Programming - DEEPCLOUDLABS　　　　　　　　*August 2022*

REFERENCE

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