

Emre Sülün

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Education

Bilkent University

BS IN COMPUTER ENGINEERING

- GPA: 3.24

Ankara, Turkey

2015 - PRESENT

Ankara Atatürk Anadolu High School

MATH AND SCIENCE

Ankara, Turkey

2011 - 2015

Skills

Programming Java, Python, C++, OOP, Design patterns, Android, JavaFX

Web HTML, CSS, JavaScript, Node.js, Express.js, Django, REST

Languages Turkish (native), English (professional working proficiency)

Other SQL, Linux, Git, GitLab CI/CD, Docker, AWS EC2, SQLite, MongoDB, Neo4j, Teamwork, Communication, Problem solving

Experience

TAI Turkish Aerospace Industries, Inc.

SOFTWARE INTERN

July 2018 - August 2018

- Design and implementation of a Docker image which creates the mirrors of common software repositories such as Maven, PyPI and Debian packages. Cloning is done by Python, shell scripts and Nexus repository manager. Improved the development process in the air-gapped network.
- Developed a Python script which merges all files in a given directory recursively and generates a binary output file which has an index at the beginning followed by appended files.

Projects

ProBet

PYTHON DEVELOPER

- An online betting platform for football. The project includes database design, normalization, stored procedures, triggers
- Technologies: Django, SQLite, jQuery, AJAX

Fight or Flight

JAVA DEVELOPER

- A Java desktop game which combines the concepts of shooter games and runner games.
- Based on libGDX game development framework.
- Implements common design patterns such as singleton, factory and strategy.

Software Artifacts Network Explorer

WEB DEVELOPER

- A web app which visualizes the relations between software artifacts such as Jira issues, Git commits, code reviews and source code.
- Artifacts are stored in a Neo4j graph database and visualized with Cytoscape.js library. Node.js is used for backend and the app is deployed on Google Cloud compute engine.

News Bot for Telegram

JAVA DEVELOPER

- A Telegram bot which sends the latest news and the most popular news to clients.
- Developed with Java and parses XML feeds of news sources.

Extracurricular Activity

ACM Bilkent Student Chapter

TREASURER

May 2017 - May 2018

- Maintaining financial records of the society

Honors & Awards

University Entrance Exam

2015

- Ranked in first 1000 students among 1.5 million students in Turkey.
- Got a comprehensive scholarship from university.