EREN ULAŞ
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🎓 EDUCATION

2014 - 2018   **Marmara University, Istanbul, Turkey**
Computer Engineering
- Current GPA: 3.46 / 4.00

2015 Sept. - 2016 Feb.   **Warsaw University of Technology, Warsaw, Poland**
Computer Science
- Erasmus Student Exchange

2008 - 2012   **B. I. Zeytinburnu Anatolian High School, Istanbul, Turkey**

🏅 AWARDS

- Dean's High Honor List for multiple semesters.
- Won second place on a game implementation contest for freshmen.
- Erasmus+ EU Grant for Erasmus Study Mobility in Warsaw, Poland

💼 EXPERIENCE

June 2017

Doğan TV Holding | Software Engineering Intern
Istanbul, Turkey
- Responsive emails for various occasions were created.
- D-Smart Channel Frequency List page has been created.
- Played a significant role on the implementation of sitemap page for D-Smart website.
- HTML, CSS, Bootstrap were used during the internship.

Aug. - Sept. 2016

Ziraat Teknoloji | Software Engineering Intern
Istanbul, Turkey
- Worked on implementing a desktop application for determining investment preferences of customers. It finds the best fit among various investment plans by evaluating customer's answers to the questions asked in the application.
- C# and PL/SQL were used during the internship.

June - Aug. 2016

Date My Wardrobe | Software Engineering Intern
Boston, USA
- Responsible for the integration of new services and the modification of already integrated ones.
- Worked on implementing an error monitoring utility to receive real-time notifications (as emails and slack message) when an error occurred in the system.
- Worked for creating an audit log.
- Played a significant role for the redesign of company's website by working on both front and back ends.
- Java, MySQL, HTML, CSS, and JavaScript were used during the internship.

☰ PROJECTS

Document Verification Using Blockchain | Supervisor - Dr. Ali Haydar Özer | Thesis Project
Python, Flask, Bootstrap, HTML, CSS, Java
A blockchain application to verify and store certificates was developed. Permitted issuers can issue certificates using the web application, and certificate holders can access to their own certificates using the Android application. The web application can also be used to verify the authenticity of a certificate.

Human Bot Detection | Dr. Murat Can Ganiz

Python, scikit-learn, MongoDB

An application to detect if a twitter user is a human or a bot was implemented. Each account can be categorized as an organization account, too. Various machine learning algorithms (Naive Bayes, Decision Tree, Support Vector Machines, k-Nearest Neighbor, Logistic Regression) were applied on the labelled dataset, and the results of these algorithms were analyzed according to their accuracy, f1, precision, recall, and auc scores. Naive Bayes algorithm resulted in over 85% accuracy.

Student Assistant Bot | Şakir Bingöl

Python, SQLite, BeautifulSoup, Heroku, Telegram Bot API, Google URL Shortener API

A Telegram chatbot to check the announcements made on courses' websites and to track the price of a product from e-commerce websites such as Teknosa, n11, GittiGidiyor, Hepsiburada has been implemented. This bot is deployed on Heroku. Student Assistant Bot can be found on Telegram under the 'student_mate_bot' username.

OrtakBul | Assoc. Prof. Borahan Tümer

HTML, CSS, JavaScript, AngularJS, Bootstrap, PHP, MySQL

OrtakBul is a website that connects idea owners with investors. Investors and idea owners can send messages to each other and make comments. Ideas and investors are automatically matched according to their cities, budgets, and interests. It is mandatory to be a member in order to post an idea or to contact with the idea owners to invest in their ideas.

Coin Collecting Robot | Dr. Ömer Korçak

Java

An algorithm for the modified version of coin collecting robot problem was implemented by using dynamic programming approach. Aim is to have the maximum number of coins when the robot reaches to the end of the board. While the robot is travelling, amount of coins in each cell is added to the balance of the robot.

P2P Chat | Dr. Ömer Korçak

Python, MongoDB

A peer to peer console chat application is created. It uses centralized index approach to keep track of peers. Each user should have a unique username, and two users can be connected if both of them are online and not chatting with anyone else. If a user is inactive for some time, then the user will automatically be disconnected.

</> SKILLS

Languages: Turkish (Native) • English (Proficient)

Programming Languages
- **Comfortable with:** Python • Java • C • HTML • CSS • SQL • Prolog
- **Familiar with:** C++ • C# • MATLAB • Verilog • MongoDB • JavaScript

Frameworks and Libraries: AngularJS • Bootstrap • BeautifulSoup • Requests

Used Tools, Technologies and Familiarities: Git • GitHub • Heroku • JSON • PyCharm • Brackets • VSCode • Eclipse • WebStorm • CodeBlocks • MSSQL • MySQL • PL/SQL • Logisim • Illustrator CC • Jira

Used Operating Systems: Microsoft Windows 7 / 8 / 8.1 / 10 • Ubuntu • Fedora • macOS • Android • iOS

HOBBIES

Playing Classical Guitar
Stamp Collecting
Doing Puzzles
Travelling
Reading