Ummu Gulsum Ergin

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Education

Bahcesehir University   Istanbul, Turkiye

Bachelor's in Software Engineering, **GPA: 3.41/4.0**   06.11.2024

Completed Ects Credit / Curriculum Ects Credit: 250 / 240

• **Thesis** : COMPUTERIZED NIOSH RECOMMENDED WEIGHT LIMIT (C-NIOSH-RWL)

• Purpose : The NIOSH RWL (National Institute for Occupational Safety and Health Recommended Weight Limit) is a quantitative method used for **ergonomically analyzing** and enhancing manual **lifting tasks**. The main objective is using software, both **web-based** and mobile, to apply the NIOSH RWL method. The software utilized in Industrial Engineering work study and ergonomics classes for **educational purposes**. Another objective is to include a **usable and responsive interface** for an enhanced user experience by **proposing ergonomic improvements** and **generating a report** for users.

• Technologies used: Java, HTML, CSS, JavaScript, Spring, Balsamiq, Amazon Hosting, VSCode, Intellij, Github

Tekirdag Anatolian High School   Tekirdag, Turkiye

High School, GPA: 95.58/100   June 2018

Technical Skills & Languages

Programming: HTML5, CSS, Python visualization libraries, **JavaScript, Java, OOP**.

Design experience: **Figma**, Blender 3D, Narrative Storytelling for games, Canva

Language: **English C1 CEFR**, Korean (A1), German (A1)

Experience

Kovan App Search Quality Improvement Specialist   Remote

https://www.kovan.app/   07.17.2024 – present

To **train artificial intelligence**, it is essential to make millions of data points meaningful. The annotators (us) contribute to the AI ecosystem by labeling these data.

Content Analysis: Evaluating the website content for relevance and reliability based on user queries.

User Query and Visual Relation: Assessing the relationship between visuals and user queries.

Text Content Analysis: Verified accuracy of text content and corrected any inaccuracies.

Software Technology Research Institute YTU TUBITAK BILGEM (education)   Ankara, Turkiye(Remote)

https://bilgem.tubitak.gov.tr/yte/   10.04.2023 – 10.16.2023

• Mock-up Figma

• User experience and **Usability**

Front-End Web Developer   Ankara, Turkiye(Remote)

https://www.pointo.com.tr/   07.10.2023 – 08.18.2023

During my internship, I focused on crafting responsive **websites and interfaces** utilizing **HTML5, CSS, JavaScript**, and incorporating **Rest API.** Emphasis was placed on User Interface Design and **User Experience Design principles** for optimal **user interaction.**

Certifications

Participation in Certificate Program: Information Visualization Courses (Bau Global Sponsored)

• IBM, Data Visualization with Python, (Jan 2024)

• Georgia Institute of Technology, Introduction to User Experience Design, (2024 - present)

Leadership & Activities

Bahcesehir University, Photography Club   Istanbul, Turkiye

Board Member   2023 – 2024

Social Media Designer

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Bahcesehir University, Yesilay Volunteer   Istanbul, Turkiye

Board Member   2023 - 2024