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M SAFWAN YASIN
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Sabanci University
Tuzla, Istanbul

EDUCATION

Sabanci University – Istanbul, Turkey *2020-2024 (expected)*
Faculty of Engineering and Natural Sciences - Bachelor of Computer Science and Engineering,
Minor in Finance - 100% Tuition + Dorm Scholarship
CGPA: 3.63/4.0
Concentrations: Algorithm Design, Cybersecurity, Cloud Computing, Machine Learning, Computer Vision, Mobile and Web Application Development, Computer Networks, Physical Computing, HCI
Honors: Dean's List: High Honor (4 semesters)
Super Nova School – Islamabad, Pakistan *2018-2020*
Pre-Engineering – A Levels Grades: 4A* 1A

SELECTED PROJECTS

Personal Portfolio Website using React.js *March 2024*
– Created a personal portfolio **website** using React.js showcasing my projects, experiences etc.

TaleTuner *January 2024*
– Created a Book Tracing application using Flutter Bloc and Domain Driven Design (DDD) architecture.
– Added functionality such as the ability to search for books using the Google Books API, add to wishlist and reading list, and generate short stories with custom prompts using the Gemini API.
– Used Rive to add custom animations.

Designing a honeypot using Flask *December 2023-January 2024*
– Worked in a group of 3 to develop a secure Ukrainian news website honeypot utilising Flask and Python, implementing advanced security measures such as blowfish hashing algorithms for password protection, while also replicating vulnerabilities from 2010 OWASP Top 10.

Homework score prediction using Chat GPT prompts *December 2023-January 2024*
– Worked in a group of 5 to develop a machine learning model to predict scores for assignments using the Chat GPT prompts for the assignment. Utilised Python libraries such as Pandas, Keras and TensorFlow to process the data, train the model and implement it.

Tic-tac-toe game in C# using socket programming and multi-threading *February 2023-April 2023*
– Worked in a group of three to create a multiplayer tic-tac-toe game using C#, utilising socket programming and threading to implement the functionality.

Crypto Portfolio Management Website using Webflow and JavaScript *May 2022-August 2022*
– Collaborated in a group of two to build a Crypto Portfolio Management Website for a startup using Webflow and JavaScript for the frontend, and Xano for the backend with features such as an authentication system using Google, the ability to subscribe to different kinds of investment funds, to import data from public and private APIs to show live cryptocurrency updates and tabulate the breakdown of investments.

SKILLS

Tools and Software

MS Visual Studio, MS VS Code, Anaconda, Jupyter, Android Studio, Fusion 360, Arduino, Webflow, Wordpress, Elementor, Google Colab, MS Word, MS Excel, MS Access, Figma, Adobe Photoshop, Adobe Illustrator, Adobe InDesign, Canva, Linux, Xano, Firebase, ClickUp, Jira, Rive, Spline

Programming Languages

JavaScript, Python, C, C#, C++, HTML, CSS, Dart, VB.Net, SQL

Web Frameworks and Libraries

Flutter, React.js, Django, Bootstrap, Vue.js, MongoDB, Flask

Languages:

Native level proficiency in English and Urdu/Hindi, Elementary Proficiency in Turkish

WORK EXPERIENCE

Preply - Computer Science Tutor

May 2021-Present

- Tutoring lessons on algorithm design, Python, JavaScript, C++, HTML, Flutter, and CSS to students from primary school up to college students.
- Maintaining an average lesson rating of 4.9/5.0.

Freelance Web and Application Developer

March 2021-Present

- Developing responsive web applications for multiple brands using Webflow, HTML, CSS, JavaScript, and Vue.js
- Developing mobile applications using Flutter and Firebase.

Beakwise - Software Engineer

- Worked as a Flutter Developer among a team of developers to create a mobile application for Cihangir Yoga - a prominent yoga company in Turkey.
- Utilized Flutter Bloc and Domain Driven Design to structure the application.

Computational Approach to Problem Solving Learning Assistant

Sep 2021-Present

- Assisting a Teaching Assistant to teach students algorithm design and introductory Python in weekly discussion sections with a participation of approximately 25 students.
- Conducting biweekly office hours to assist students with reviewing lecture content, take-home exams and final exam preparation.

Ratic - Frontend Web Developer

May 2022-August 2022

- Worked as part of a web development team to create, manage and fix websites/webpages of the company's clients.
- Utilised WordPress/Elementor as the main tool for creating the framework of the websites and HTML, CSS, and JavaScript for adding highly customised functionality according to the needs of the clients.

VOLUNTEER EXPERIENCE

Graphic Designer - Africa ICT Right

Aug 2021-Dec 2021

- Designed content for the organisation's social media accounts.
- Assisted in redesigning the organisation's brand logo by creating multiple logo concepts.
- Collaborated with the organisation's web development team to add improvements to their website.

INTERESTS/MISCELLANEOUS

SAT I Score: EVBRW: 650/800, Math: 780/800

Interests: Tech, R&D, Blockchain and Cryptocurrency, Business and Finance, Gaming, Sports, and Fitness

Activities and Societies: Head of IT in SU International Club, Member of SuCode, SU Debate Club