YASEMIN VATAN

Irvine CA
949-447-6284| *yvatan0@ivc.edu*
LinkedIn: www.linkedin.com/in/yasemin-vatan-6730353b
https://www.yasemin.tech/ | GitHub: *https://github.com/yaseminvatan*

SUMMARY

Full Stack Web Developer with a background in Geographic information Systems and Database and life-long dedication to learning. Effective at combining creativity and problem solving to develop user-friendly applications. Known among staff for strong with and attention to detail no matter the complexity of the project.

TECHNICAL SKILLS

Technical Languages: Javascript, HTML5, CSS3, C
Applications: MapInfo, Discover 3D, jQuery, Bootstrap, Firebase, Node.js, Express, Handlebars.js, ReactJS, MySQL, MongoDB

PROJECTS

WordNerd | https://github.com/orgs/UCBX-2024-Team-Wombat/projects/1   Developed a web app for vocabulary exploration, featuring word definitions, etymology, synonyms, antonyms, and GIPHY-powered gifs in a Bulma-styled modal. Utilized HTML5, CSS3, JavaScript, Merriam-Webster and Thesaurus APIs, and GIPHY API, with structured, well-documented code.

Digidex | https://github.com/orgs/UCBX-2024-Team-Wombat/teams/project-2-team | **https://p2-digidex-kfxk.onrender.com**Created a full-stack app serving as a Pokedex for fun facts, allowing users to securely create, search, and organize cards into collections with dynamic interactions. Developed user authentication, onClick functionality, and seamless linking of users, cards, and collections using Node.js, PostgreSQL, Sequelize, and other tools.

EXPERIENCE

Chief of Database and GIS Department   **2012 – 2016**
Yildizlar Holding   **Ankara**, **Turkey**
Led a team of 10 GIS specialists, overseeing quality control and management of a geological database with over 100,000 records across 5 active mining areas and 450 exploration sites. Collaborated closely with more than 50 geologists to ensure data accuracy, reliability, and seamless data integration for exploration. Worked with database administrators and company leadership to optimize GIS applications and establish QA/QC protocols, creating consistent and trustworthy data for critical geological modeling. Designed and enforced data security, sampling, and laboratory protocols, and provided targeted training across three laboratories to support a high standard of data quality.

Key Accomplishments:
- *Established the company's first data sampling and laboratory protocols, increasing data quality by over 80% and saving an estimated $2 million in re-sampling costs.*
- *Conducted a comprehensive audit and restructured a previously unreliable dataset, turning it into a trusted resource for the modeling team and improving decision-making speed.*
- *Led training for over 50 geologists and laboratory staff, significantly enhancing accuracy in specific gravity measurements essential for reserve calculations.*
- *Developed a secure relational database framework and spearheaded a map digitization project, strengthening the GIS capabilities and data sustainability of the organization.*

EDUCATION

Full Stack Web Development Boot Camp Certificate: *University of California Berkeley, Berkeley, CA[*An intensive program focused on gaining technical programming skills in HTML5, CSS3, JavaScript, JQuery, Bootstrap, Firebase, Node.js, MySQL, MongoDB, Express, Handelbars.js, and ReactJS.
BS Computer Science *Irvine Valley Collage (UCI Transfer) ,Irvine,CA*