YASIR YILMAZCOBAN

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EDUCATION

TEXAS A&M UNIVERSITY - College Station, TX
Bachelor of Science, Computer Science | Dean's Honor Roll — August 2022 – June 2026
Master of Science, Finance — January 2024 – June 2027
Relevant Coursework: Data Structures & Algorithms, Discrete Structures, Programming Languages, Database Systems, Uncertainty Modeling, Linear Algebra, Program Design, Computation Lab, AP CS A, CS: Independent Studies

PROFESSIONAL EXPERIENCE

TEXAS A&M UNIVERSITY - College Station, TX | GitHub Repo — August 2023 – December 2023
Computation Lab Peer Teacher
- Worked with a professor to supplement instruction on a Python course, enhancing 120 students' learning experiences.
- Provided comprehensive support by addressing questions, conducting review sessions, evaluating assignments, and offering weekly office hours to foster a conducive learning environment.
- Built a web scraper to move students' grades across two learning platforms, avoiding hours of manual work throughout the semester.

R1649 - Remote/Dallas, TX — June 2023 - Present
Software Engineering Intern
- Deployed an Oracle Cloud database to securely manage client credentials and engineered a Flask-based web application to facilitate seamless CRUD operations for the database.
- Designed and integrated React components into the company's website, ensuring a cohesive and consistent user experience across all pages.
- Led backend development for the website by designing and implementing a RESTful API with Node.js & Express and overseeing a team of backend and Web3 developers to create an intuitive Algorand wallet dashboard.
- Learned about Web3, DeFi technologies, and creation of smart contracts using Solidity.

UPCOMING POSITIONS

META – Menlo Park, CA — May 2024 – August 2024
Software Engineering Intern

PROJECTS

Sp/it - College Station, TX — September 2023 - Present
Project Manager
- Leading a team of 15 aspiring software engineers in the development and deployment of a cutting-edge roommate companion mobile app for iOS and Android.
- Established backend infrastructure, harnessing Google's Firebase in conjunction with React Native Expo.
- Coordinated project progress through Jira, managing backlog, sprint planning, and feature assignments to facilitate my role as the Scrum Master.
- Reviewed pull requests from team members and provided constructive feedback to avoid codebase conflicts.

IMAGE GENERATING APPARATUS | GitHub Repo — March 2023
- Crafted a website and a Chrome extension that utilizes OpenAI's API to generate images for e-books.
- Employed Flask to construct the website and employed JavaScript to develop the Chrome extension.

MICROSOFT REWARDS BOT | GitHub Repo — April 2021 - Present
- Engineered a Selenium bot to accumulate daily Microsoft Rewards points, earning $500+ via gift cards.
- Maintained and updated the Selenium bot to adapt to evolving structures of the Microsoft website.

POWERGRID | GitHub Repo — December 2019 - May 2020
- Led a team of four individuals to secure 1st place among 25 competing teams by implementing a Java-based board game, enhancing comprehension of various OOP concepts and GUI development.
- Acquired proficiency in implementing Dijkstra's Algorithm for finding the shortest path within a graph data structure representing the U.S. map.

SKILLS

Languages: C/C++, Haskell, Java, JavaScript, Python, Solidity, SQL
Tools: Agile Development, CSS, Database Administration, Express.js, Firebase, Flask, Git, HTML, JIRA, Linux, Node.js, Oracle DB, Postman, PyTorch, React.js, React Native, REST APIs, SCRUM, Selenium, Tkinter, TypeScript, UML, Unit Testing