YASIR YILMAZCOBAN

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EDUCATION

TEXAS A&M UNIVERSITY - College Station, TX August 2022 - June 2026

Bachelor of Science, Computer Science - GPA: 3.7

Relevant Coursework: Data Structures & Algorithms, Discrete Structures for Computing, Linear Algebra, Program Design & Concepts, Computation Lab, AP Computer Science A, Computer Science: Independent Studies

SKILLS

Languages: C/C++, Java, JavaScript, Python, TypeScript, SQL

Skills: Agile, CSS, Database Administration, Express.js, Firebase, Flask, Git, HTML, JIRA, Linux, Node.js, Oracle DB, Postman, React.js, React Native, REST APIs, Scrum, Selenium, Solidity, Tkinter, UML, Unit Testing

PROFESSIONAL EXPERIENCE

Sp/it - College Station, TX September 2023 - Present

Founder & Project Manager & Scrum Master

- Leading a team of 15 aspiring software engineers in the development and deployment of a cutting-edge roommate companion mobile app.
- Transformed a mere idea, conceived just months ago, into a project with tangible and attainable goals.
- Established the backend infrastructure for the mobile app, harnessing Firebase in conjunction with React Native Expo.
- Coordinated project progress through Jira, effectively managing the backlog, sprint planning, and facilitating weekly meetings and feature assignments.
- Reviewed pull requests from team members and provided constructive feedback to uphold code quality and uniformity.

TEXAS A&M UNIVERSITY - College Station, TX August 2023 - Present

Computation Lab Peer Teacher

- Collaborated with a professor to facilitate instruction for a Python course, enhancing over 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.
- Created 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 database to securely manage client credentials and engineered a Flask-based web application to facilitate seamless CRUD operations for the database.
- Created and integrated React components into the company's website, ensuring a cohesive and consistent user experience across all pages.
- Led the 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.

PROJECTS

IMAGE GENERATOR FOR BOOKS (IGB) 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 April 2021 - Present

- Engineered a Selenium bot to accumulate daily Microsoft Rewards points, which could be exchanged for gift cards from a variety of stores and Microsoft credits.
- Continuously maintained and updated the Selenium bot to adapt to evolving structures of the Microsoft website and new versions of MS Edge.

CREDIT CARD NUMBER VALIDATOR September 2020

- Learned and applied the Luhn Algorithm to validate credit card numbers from various companies.
- Employed comprehensive unit tests to ensure all functions were working as intended.

POWERGRID December 2019 - May 2020

- Led a team of four individuals to secure the top position 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 Java-based graph representing the U.S. map.