Avner Ben Shlomo

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Summary

Highly skilled and motivated professional with exceptional interpersonal abilities and a proven track record as a collaborative team player. Demonstrates adeptness in tackling intricate challenges through methodical and systematic approaches.

Education

B.SC. | 10/2020 - PRESENT | BRAUDE COLLEGE OF ENGINEERING

- Major: Software Engineering (4th year)
- GPA: 85.35
- Related coursework:
    - Data Structures
    - Operating systems
    - Database systems
    - Advanced Web Technologies
    - Data Mining Lab
    - Algorithms
    - Object-oriented programming
    - Automata and Computability
    - Data Mining and Machine Learning
    - Introduction to Artificial Intelligence

CERTIFICATION

NVIDIA DLI| 17/01/2024

- Fundamentals of Deep Learning (8 hours)

FAST LANE | 13-21/09/2022

- AZ-900: Microsoft Azure Fundamentals (8 hours)
- AZ-104: Microsoft Azure Administrator (32 hours)
- AZ-500: Microsoft Azure Security Technologies (32 hours)

Projects

PERSONAL PORTFOLIO

- **Link**: Avner's Portfolio
- **Description**: Developed a comprehensive personal portfolio showcasing professional achievements, including personal projects, resume, and a website. Implemented using HTML, CSS, and JS, demonstrating proficiency in front-end web development. The portfolio serves as a dynamic representation of skills and accomplishments.

ESP32 SIM RACING DASHBOARD

- **Description**: Engineered an ESP32-based project to create a simulation racing dashboard. The system receives UDP packets from the internet, parses them, and displays relevant data on a TFT screen. Demonstrated expertise in embedded systems and C programming. The project highlights skills in real-time data processing and hardware integration for an immersive gaming experience.

TASK MANAGER WEB APP

- **Description**: Task Manager Web Application using Node.js, MongoDB, React.js, and Express. This robust solution empowers efficient task organization with seamless transitions between list and calendar views. Implemented features include task prioritization and completion marking, showcasing proficiency in full-stack web development. Elevate task management efficiency with this user-friendly application.

REAL-TIME VIDEO SEGMENTATION (ONGOING)

- **Description**: Currently developing the final project for the bachelor's degree in software engineering. This real-time video segmentation project involves processing drone-captured videos using deep learning to identify and segment wildfires. The project showcases advanced skills in video processing, real-time systems, and deep learning. Expected to contribute significantly to environmental monitoring and disaster response.

Skills & Abilities

PROGRAMMING LANGUAGES & TOOLS & DATABASES

- **Advanced**: C, Java, Python, JavaScript, HTML, CSS, React, NodeJS, MongoDB, Linux, Unix, Eclipse, Visual Studio, Azure Cloud, Android Studio, Google Colab
- **Familiar**: C#, SQL

LANGUAGES

- Hebrew- Native
- English- Advanced

Experience

MILITARY SERVICE | IDF | 11/2016 - 07/2019

- Sniper in the Maglan unit of the Commando Brigade - Israel Defense Forces.
- Thrived in high-pressure situations, fostering teamwork and innovative problem-solving.

TEAM LEADER | CYBER EDUCATION CENTER | 06/2023 - PRESENT

- Lead teams at the Cyber Education Center, overseeing cutting-edge projects in cybersecurity.
- Provide expert guidance, mentorship, and information source direction.
- Manage task distribution and sprint coordination using GITLAB for streamlined collaboration and innovation.