Ege Karabacak

Software Developer

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As a recent Computer Science graduate, I bring enthusiasm, critical thinking, extensive problem-solving and effective communication skills with a solid academic foundation and a drive for continuous learning.

Education

Carleton University Ottawa, Ontario
Bachelor's of Computer Science 9.0 CGPA   Sept 2015 - June 2023

Professional Experience

Site Coordinator Mega Beton Istanbul, Turkey   May 2020 - May 2022

- Managed and scheduled concrete deliveries from base station to construction sites at Basaksehir Cam and Sakura Hospital.
- Chartered custom routes to boost delivery efficiency, resulting in a 15-20% reduction in carbon emissions and fuel costs.
- Implemented a monitoring system for company trucks, slashing downtime by 40% through proactive accident and traffic issue management.
- Contributed to the front-end of Oyak Beton Website, enhancing website functionality and user experience by adding projects section to the landing page.

Skills

Experienced: C/C++, JavaScript, Typescript, Python, Java, MS Office Tools
Proficient: Svelte, React , NextJS, HTML/CSS, Kotlin, Unity, Unreal Engine
Soft Skills : Blender, Embedded Systems, Cloud Systems

Projects

Portfolio Website SvelteKit,Tailwind, CSS, HTML, TypeScript,ThreeJS

- Crafted this project using SvelteKit leveraging it as a platform for learning typescript and hands-on experience in constructing fully-featured websites.
- Actively refining and enhancing the project with ongoing changes and improvements such as 3-D Model support using Three.JS

Android Weather Java, Kotlin, MVVM

- Developed a weather application using Native JetPack Compose, demonstrating proficiency in MVVM architecture.
- Has support for Animated weather displays and automatic theming.
- Integrated the Weatherbit API for real-time weather data.
- Seamlessly incorporated device location access for enhanced user experience.
- Implemented a local database to optimize performance and functionality.

QNX Server Simulation C++

- Developed a real-time server room simulation emphasizing networking and state management, utilizing Blackberry QNX
- Studied embedded systems networking and implemented load balancing to boost peak performance by 67%.
- Successfully navigated unexpected events such as server shutdowns or client errors within the simulation environment.
- Completed as part of an embedded systems course.