Nitsan Caduri

Full stack developer

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Skills

JavaScript	**Node.js**	**React**	**Git**	**AWS**
C#	**SQL**	**CSS**	**Linux**	

Languages: English | Hebrew | Basic Spanish

Work experience

C# Developer | Unity Developer | Frontend Developer   12/21 - 10/22
Unlimited Robotics | Petah Tikvah, Israel
- Developed a simulator for robots that is used by developers to test, train and interact with them.
- Wrote clean, object-oriented code to design and build a modular large project from scratch.
- Implemented the frontend for a login/signup system, account management and scene manipulation.
- Collaborated with different departments on a regular basis to develop new features.
- Designed and implemented complex algorithms to simulate the robot's systems.
- Built tools that automate developer's tasks and save on manual hours.

Frontend Developer | Intern   12/19 - 02/20
Shiratech Solutions | Petah Tikvah, Israel
- Used Python to implement the user interface of one of the company's main products.
- Generated graphs and tables that represent data to the user.
- Participated in team meetings and worked alongside the company's development team.

Projects

Workouts Creator | solo developer | links: Website, Code
- Created a full stack web app using JavaScript, React, CSS, Node.js and MySQL, hosted on AWS.
- Developed a workout creation system allowing users to easily create, edit and play custom workouts.
- Implemented a drag and drop functionality for rearranging exercises within the workout, and an interface for uploading images.
- Programmed a timer that automatically switches between sets, exercises and rest periods.
- Designed a scalable backend structure and used stored procedures to reduce data duplication.

Linear Algebra Visualizer | solo project | links: Project, Code
- Built a learning tool using C# and Unity that allows experimentation with Linear Algebra concepts.
- Allowed users to easily control vectors and matrices, and visualize different operations.

Games: ColorSense - lead developer | Vampocalypse - solo project | Turning Islands - solo developer

Education

Bachelor of Computer Science   11/19 - 07/22
Reichman University (IDC Herzliya) | International School | Herzliya, Israel