Nima Karami

REACT DEVELOPER | FRONT-END DEVELOPER | DESIGNER | FINANCE ENTHUSIAST | RECREATIONAL ATHLETE

SUMMARY

React and Javascript developer based in Toronto, Canada. Nima comes from a design background with a Master of Architecture degree from the University of Waterloo. This diverse background has granted Nima excellent communication, critical thinking, and problem-solving skills.

Throughout his life, Nima has always coded as a hobby: using machine-learning to create an emotion-aware architecture, automating video games, playing fetch with an industrial robotic arm, etc.

PERSONAL DETAILS

Address

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CONTACT

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in nima-karami

🐙 nima-karami

WORK EXPERIENCE

● React Developer

FREELANCE   Apr 2021 - Present

+ Built and **deployed** a fully functional **face-recognition web app** using **React.js**, **express.js**, and Clarifai **REST API**. Created **session management** with **authentication routes** and **stored** user information with **hashed passwords** securely on a **PostgreSQL** database.

+ Developed a single-page portfolio website for a professional client using **React JS**, **Tailwind CSS**, and **React Router**.

● UI/UX Designer | Frontend Developer

FUNCTIONLAND   May 2021 - May 2022

+ Designed and wireframed an innovative customer-centric **user interface** for fx.land website using **Figma** and **Photoshop**.

+ **Managed** and **supervised a team** of three designers for the production of the media content in an **agile environment**.

+ Collaborated with the **front-end** development team to implement the website using **Svelte**.

● Architectural Staff

DIAMOND SCHMITT   Jan 2021 - Apr 2022

+ Utilized an **evolutionary algorithm** to **optimize** tower placement and geometry. This increased the gross floor area by approximately **12 percent**.

+ **Automated** the building shadow impacts analysis and **simulation** reports generation process, reducing the time required from **32 hours to 2 hours**.

+ Developed an **algorithm** to maximize daylight access while minimizing heat loss in high-rise residential buildings.

● Graduate Teaching Assistant

UNIVERSITY OF WATERLOO   Sep 2018 - Oct 2020

+ **Managed** and **Instructed** a class of 70+ students both in-person and remotely.

+ **Communicated** complex topics such as tension, flexural, and compression members using calculations, design aids, rules of thumb, and the latest CSA design standards.

EDUCATION

● University of Waterloo

FACULTY OF ENGINEERING | MARCH   Sep 2018 - Oct 2020

TECHNICAL SKILLS

React | Javascript | HTML5 | CSS3 | Redux | SQL | NoSQL | Node.js | Express.js

Bootstrap | Material UI | Python | Numpy | Pandas | Matplotlib | Pinescript | Git

DESIGN SKILLS

Adobe Photoshop | Adobe Illustrator | Adobe InDesign | Figma | Rhinoceros 3D

Grasshopper 3D