

Nima Karami

FRONT-END ENGINEER | REACT DEVELOPER | 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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-  nima-karami

WORK EXPERIENCE

Frontend Engineer

- FUNCTIONLAND**
- May 2021 - May 2022
- + Worked closely with the **business** and **marketing** team to ensure that the website design and implementation enables value creation. Performed front-end **maintenance** as assigned in an **agile environment**.
 - + Designed and developed innovative user-friendly landing page, card components, and carousel using **Svelte**, **Javascript**, **HTML5**, and **CSS3**. Ensured code is optimized for **speed** and **scalability**.
 - + **Managed** and **supervised a team** of three designers for the production of media content. Reviewed mockups by designers to ensure they are technically feasible, **optimized** for implementation, and effective on **mobile** and **desktop**.

React Developer

- FREELANCE**
- Nov 2020 - Present
- + Designed and built an **end-to-end** e-commerce app using **Typescript**, **React.js**, **React Router**, **Material UI**, and **Redux** on the **front end**. Utilized **Firebase** to store **JSON** shop data in a **NoSQL database** and handle **third-party user authentication**. Managed payments using **Stripe RESTful API** and deployed app on **Netlify**.
 - + Built and **deployed** on **Heroku** 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 using **React JS**, **Tailwind CSS**, and **React Router**. Advised the client on the **scope of work**, suggested more efficient solutions, and worked hand-in-hand with them to deliver a feasible outcome considering project constraints.
 - + Designed and developed a **python** app to test and optimize **trading strategies**. Utilized **Binance REST API**, **pandas**, and **fastparquet** to download, clean, and store historic and real-time data on the local server. **Simulated** trading strategies using **backtrader** and visualized the performance and risk analysis with **matplotlib** and **pyfolio**.

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 | MASTER OF ARCHITECTURE**
- 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