

# SANJEEV SHARMA

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## TECHNICAL SKILLS

**PROFICIENT:** JAVASCRIPT (ES6+), NODE.JS, EXPRESS, REACT, REDUX, POSTGRESQL, SEQUELIZE, GIT

**KNOWLEDGEABLE:** C++, RELATIONAL DATABASE DESIGN, HTML, CSS, REACT-NATIVE, SEMANTIC-UI

**SOME EXPERIENCE:** COMPUTER ARCHITECTURE, JAVA, ANDROID DEVELOPMENT

## EDUCATION

**SOFTWARE ENGINEERING IMMERSIVE** — FULLSTACK ACADEMY OF CODE — FEBRUARY 2019

**B.A. COMPUTER SCIENCE** — CITY UNIVERSITY OF NEW YORK, HUNTER COLLEGE — FALL 2018

## PROJECTS

CHROMEVISION | FULLSTACK DEVELOPER | JAN 2019 – FEB 2019 | [GITHUB.COM/CHROMEVISION/POC](https://github.com/codeofsanju/chromevision)

A chrome extension - React web app combo that leverages Microsoft's Face API to monitor and perform sentiment analysis on user facial expression as they browse the web.

- ⇒ **Chrome Extension** developed using **Javascript, HTML, and CSS**.
- ⇒ Web-app frontend developed using **React+Redux**, and **Semantic-UI** for styling. All chart/graph data created using **Chart JS V2** for react.
- ⇒ Backend designed using a shared **Express** server for our Chrome Extension and React App.
- ⇒ Created a method for accessing user webcam from a Chrome Extension to send user photos to our server.
- ⇒ Leveraged **Microsoft's Face API** to perform sentiment analysis on user photos and store emotion data in **PostgreSQL database**.
- ⇒ **Came up with a solution to perform sentiment analysis on user photos without persisting photos in any form.**

EXPRESSIFY-SEQUELIZE | SOLE DEVELOPER | JAN 2019 – JAN 2019 | [GITHUB.COM/CODEOFSANJU/EXPRESSIFY-SEQUELIZE](https://github.com/codeofsanju/expressify-sequelize) | [NPMJS.COM/PACKAGE/EXPRESSIFY-SEQUELIZE](https://www.npmjs.com/package/expressify-sequelize)

A globally installed node-module developed to assist developers in creating express routes for sequelize models/relations. Created for Fullstack Academy's Stackathon.

- ⇒ Designed Sequelize **model/relation recognition to self generate common Express routes for developers**.
- ⇒ Released module to be installed by anyone. Downloaded **over 300x** on release weekend.
- ⇒ **Awarded Fullstackian for best developer/teaching tool.**

TAILORED-NUTRITION | FULLSTACK DEVELOPER | DEC 2017 – APR 2018 | [GITHUB.COM/CODEOFSANJU/TAILORED-NUTRITION](https://github.com/codeofsanju/tailored-nutrition)

A cross-platform React-Native app developed to help users achieve their fitness goals by monitoring their macronutrient intake to place them on a best fit proven nutritional plan.

- ⇒ Front-end designed using **React-Native** and **CSS** for styling.
- ⇒ Back-end designed using a **SQLite database for local storage**.
- ⇒ Leveraged the **NutritionX API** to allow users to search for over 500,000 different foods to log.
- ⇒ Created Javascript utility functions to **calculate User daily calorie/macronutrients limits for different nutritional plans**.

## WORK EXPERIENCE

TECHNICAL/LEGAL ASSISTANT | A. ALI ESQ. | GREATER NEW YORK CITY AREA | JAN 2017 – PRESENT

- ⇒ Created a process to centralize client documents to be **more efficiently shared between attorneys**.
- ⇒ Designed query methods that **cut down prior case research time** in half using the Westlaw Database.
- ⇒ Published a runbook for routine procedures and operations to cut back on system down time.

COMPUTER LAB ASSISTANT | SOCIAL SCIENCES COMPUTING LAB | HUNTER COLLEGE | 2014 – 2015

- ⇒ Provided for support for students struggling with C++ topics.