

## Contact

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## Languages

JavaScript   
ClojureScript   
Hack   
SQL   
HTML   
CSS   
Java   
C++ 

## Libraries

React, Ramda, Immutable,  
XHP, Basscss, Lodash,  
Reagent

## Frameworks

Re-frame, Node.js, Redux,  
Express, Koa.js, AngularJS,  
Scrum, AVA

## Tools

Unix CLI, Git, Webpack,  
MongoDB, Gulp, Broccoli,  
Redis, Puppet

## Education

Bachelor of Software  
Engineering (B.SE.)  
University of Waterloo  
Sept. 13 - Apr. 18

# Ramanpreet Nara

### Facebook

Front-end Engineering Intern | Winter 2017, Fall 2017

#### React Native

Java Objective-C JavaScript

- Re-implemented and greatly improved border-rendering algorithm for Android
- Improved support for direction-aware styles across iOS and Android

#### Interfaces: Web Core

XHP JavaScript CSS Hack

- Worked on a project to greatly improve video viewing experience on Facebook's desktop website
- Implemented and shipped animations for the HTML5 video player

### Rangle.io

Full Stack JavaScript Developer | Fall 2015, Spring 2016

#### Team Sideboard

React Redux Ramda Immutable Keen.io

- Co-authored Sideboard: A React front-end to PivotalTracker's APIs that computes and displays Scrum-related metrics relevant for Rangle.io teams

#### Team Atlas

React Angular 1.4 Koa.js Redux Ramda Basscss

- Developed the Angular 1.4 app used by Rangle.io to schedule staff to projects
- Helped re-architect and re-implement the Angular app, eventually merging it into Sideboard

#### Mercatus

Angular 1.5 Jasmine LESS

- Did on-site consulting for a team of six client developers at Mercatus for over two months
- Rebuilt the faceted search front-end of their Angular 1.5 web e-commerce application built

### Ntree

Angular JS Developer | Winter 2015

#### Team SalesTree

JavaScript Angular 1.2 Broccoli Gulp

- Setup infrastructure to track user interactions and save client-side errors server-side
- Re-implemented client-side build infrastructure to significantly reduce JavaScript rebuild times

### Ontario Ministry of Govt. Services

Interactive Developer | Spring 2014

#### Accomplishments:

PHP MySQL Vagrant Puppet Symfony 2

- Leveraged caching with Symfony2 to halve page load times on the Premier's website
- Refactored a legacy PHP app to remove security vulnerabilities with its authentication
- Authored Packer and Puppet scripts to automatically build Vagrant VM images for four projects

## PROJECTS

#### GLISP - The G LISP interpreter

JavaScript Immutable AVA Ramda Rollup

- A feature-rich, and isomorphic LISP implementation built with JavaScript
- Supports immutable data structures, JS interop, destructuring, macros, and exceptions

#### Reddit Client

Reddit API React Redux redux-saga reselect

- A Reddit clone built to experiment with the redux architecture
- Created a reddit-style comment tree, image previews, and multiple subreddits
- Demo: <https://rc-rsnara.herokuapp.com/r/pics/hot>

#### play-cljs

ClojureScript p5.js boot

- Corrected the image scaling algorithm in this ClojureScript game library
- Built the image transforms :flip-x and :flip-y, making it easier to reuse images for animations
- Demo: <https://github.com/oakes/play-cljs-examples>