

# Karan Bhandari

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## LINKS

Github:// **karanbhandari**

LinkedIn:// **karanbhandari96**

Website:// **karanbhandari.github.io**

## SKILLS

### PROGRAMMING

Languages:

C/C++ • Java • Python • Javascript

Typescript • Scheme • Bash

Frameworks:

Angular2/AngularJs • React.js • Django

Express.js • Node.js • SAILS • Polymer

Bootstrap • SASS • Ionic2

Platforms:

Linux • Mac OS • Windows • Android

Tools:

Jenkins and JNLP Slave Nodes • NGINX

Github • Jira • Confluence

Testing Tools:

Karma • Mocha • Jest

Database:

MongoDB • SQL

Familiar:

iOS • GraphQL • Docker • JUnit

Firebase • Adobe After Effect

## COURSEWORK

### UNDERGRADUATE

Data Structures and Data Management

Algorithms

Operating Systems

Sequential Programming

Computer Organisation and Design

Object-Oriented Software Development

Logic and Computation

Functional Programming

## EDUCATION

### UNIVERSITY OF WATERLOO

BACHELORS IN COMPUTER SCIENCE

Expected June 2019 | Waterloo, ON

## HOBBIES

Chess • Rubix • Soccer • Ping pong

Rafting • Swimming • Sketching

Photography • Collection • Travelling

Foreign Language Learning

## EXPERIENCE

### TD BANK | SOLUTIONS DEVELOPER

July 2016 – December 2016 | Toronto, ON

- Automated previously manual POC idea submission by developing a web application that increased efficiency by **12%** that was built using **Node.js, Angular2, Express.js, MongoDB**
- Designed, developed and automated **deployment** of system enhancements
- Created front-end and back-end aspects of web and mobile applications, with a stress on performance and innovation using **Ionic, Cordova, Socket.io**
- Learned TDD and ensured defect free programming through extensive unit testing and peer coding

### SPENDWELL INC | JAVASCRIPT AND PYTHON DEVELOPER

May 2016 – June 2016 | Toronto, ON

- Optimized functionality of organization's Web App by **50%** by introducing Mobile navigation using **React.js**
- Tests and code written utilizing **Django** for production ready code
- Involved in fixing Front-End issues with the layouts using **React.js** and **SASS** and various debugging tools like Chrome Developer Tools

### TD LAB | SOFTWARE DEVELOPER INTERN

September 2017 – December 2017 | Kitchener, ON

- Designed and developed applications for the **Android** platform
- Ensured the performance, quality, responsiveness and proper integration with Android APIs of applications
- Helped maintain code quality, organization, and automatization

### TD BANK | APPLICATION RESPONSE CRYPTO IT ANALYST

September 2015 – December 2015 | Scarborough, ON

- Enhanced security of Bank applications and provided **SSL Encryption** by developing security certificates
- **Generated and Deployed security certificates** in jks, kdb and p12 format in DEV/SYS environment using iKeyman for SSL Encryption

## PROJECTS

### 6PARK | JAVASCRIPT, JAVA, CISCO API: TROPO, SPARK, ZEUS, RELAY

- Android application that will decrease the number of ticket machines and will pay for and manage parking spots easily
- **Cisco DevNet Hackathon Runners-up**

### BUMPAPP | IONIC2, CORDOVA, NODEJS, SOCKET.IO, MONGODB

- Created a multi-platform mobile application where users can transfer images and texts by bumping two mobiles into one another

### LINGUISTIC CHATBOT | FACEBOOK SDK, NODEJS, NGROK, GOOGLE API: TRANSLATE, NATURAL LANGUAGE API

- Created a Facebook chatbot that detects user's entered language and responds in the same language