

Karan Bhandari

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LINKS

Github:// [karanbhandari](#)

LinkedIn:// [karanbhandari96](#)

Website:// [karanbhandari.github.io](#)

SKILLS

PROGRAMMING

Frameworks:

Angular2/AngularJs • ReactJs • Django
ExpressJs • Ionic2 • SAILS • Polymer
Bootstrap • SASS

Platforms:

Linux • Mac OS • Windows • Android

Automation:

Jenkins and JNLP Slave Nodes • NGINX

Testing Tools:

Karma • Mocha • Jest

Languages:

Javascript • Typescript • HTML • CSS
Python • C/C++ • Java • \LaTeX • Shell
Node.js • Assembly • Git • Scheme • R

Database:

MongoDB

Familiar:

iOS • GraphQL • SQL • 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 Aug 2019 | Waterloo, ON

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%
- Designed, developed and automated deployment of system enhancements
- Created front-end and back-end aspects of the web application and mobile applications, with a stress on performance and innovation
- Added a robust set of services and APIs to power other web applications
- Learned TDD and ensured defect free programming through extensive unit testing and peer coding

TD LAB | SOFTWARE DEVELOPER INTERN

September 2017 – December 2017 | Kitchener, ON

- Designed and built applications for the Android platform
- Ensured the performance, quality, responsiveness and proper integration with Android APIs of applications
- Collaborated with a team to define, design, and ship new features
- Identified and corrected bottlenecks and fixed bugs
- Helped maintain code quality, organization, and automatization

SPENDWELL INC | JAVASCRIPT AND PYTHON DEVELOPER

May 2016 – June 2016 | Toronto, ON

- Optimised functionality of organisation's Web App by introducing Mobile navigation using React.js
- Tests and code written utilizing Django
- Involved in fixing Front-End issues with the layouts using React.js and SASS and various debugging tools like Chrome Developer Tools
- All code was reviewed, perfected, and pushed to production

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