

Karan Bhandari

k3bhanda@edu.uwaterloo.ca | 226.600.8623

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 • 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 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
- 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
- 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 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 BANK | APPLICATION RESPONSE CRYPTO IT ANALYST

September 2015 – December 2015 | Scarborough, ON

- Enhanced security of Bank applications by provided SSL Encryption by developing security certificates
- Developed security certificates in jks, kdb and p12 format in DEV/SYS environment using iKeyman for SSL Encryption • Performed troubleshooting of SSL certificate related issues; increased security level of bank's applications

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