

# Karan Bhandari

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## PROFICIENCIES AND SKILLS

- Expanded Web Development mindset by taking the initiative to learn HTML5, CSS3, Javascript, JSON, Bootstrap, jQuery, Django and React.js and applying it to create interactive websites
- Proficient in C, Python, Scheme, Git and LaTeX and highly driven to learn more
- Leading and developing multi-user application and project, UWScheduleChecker
- Highly experienced in Shell Scripting and Linux, with proved acquaintance in Windows and Mac OS

## EXPERIENCE

### **SpendWell Inc, Toronto** — *Python and Javascript Developer*

MAY 2016 - JUNE 2016

- Tests and code written utilizing Django framework for Python
- Optimised functionality of organisation's Web App by introducing Mobile navigation using React.js
- Used React.js, Flux, Babel+ES6, Webpack and HTML5 for SPA development
- Involved in fixing Front-End issues with the layouts using React.js and SASS and various debugging tools like Chrome Developer Tools

### **TD Bank, Scarborough** — *AR Crypto IT Analyst*

SEPTEMBER 2015 - DECEMBER 2015

- Enhanced Security of Bank applications using Putty and iKeyman by providing technical Crypto/SSL certification Support and 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
- Monitored Maintenance Incident Management and Change management with coordination of annual renewals
- Administered certificates in PAT and DEV/SYS environment mainly using Unix Scripting as main Tools
- Performed troubleshooting of SSL certificate related issues; increased security level of bank's applications

### **Computer Science Club, University Of Waterloo** - *Member*

MAY 2015 - APRIL 2016

- Organized tutorials of 50-60 attendees focused on Linux and Git with the purpose of educating and increasing awareness of these topics among current students
- Utilized expertise in Web Development to provide individually tailored explanations of various concepts to students with queries about Web Development

## PERSONAL PROJECTS

### **6Park** (*Cisco DevNet Hackathon Runners-up*)

- Android application that will decrease the number of ticket machines and will pay for and manage parking spots easily. Made using Javascript, Java, Android Studio, and Cisco API's like Tropo, Spark, Zeus and Relay

### **UWScheduleChecker** (*Team project*)

- Sends out email notifications depending on the vacancies in course in the University of Waterloo, making the process of choosing university courses easier and more efficient for students, mainly using HTML, CSS, Javascript, PHP

## EDUCATION

### **Bachelors of Computer Science**

JANUARY 2015 - PRESENT

- University of Waterloo