# Jitin Dodd

jitindodd.com

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## ⚙ SKILLS

### LANGUAGES

Proficient with:
C++ • C • JavaScript • HTML/CSS
SQL • Ruby

Experienced with:
Swift • Java • Python
MIPS & ARM Assembly

### FRAMEWORKS

jQuery • Node.js • Express
Ruby on Rails • Selenium WebDriver
Alamofire • Bootstrap • SASS

### TOOLS

Git • Perforce • Chrome DevTools • Bash
Postman • Vim • Sublime • LaTeX • Xcode
RubyMine • Eclipse • JIRA • Confluence

## 🎓 EDUCATION

### UNIVERSITY OF WATERLOO

Candidate for
Bachelor of Software Engineering
Expected 2019 | Waterloo, ON

Activities:
- Class Representative
- Engineering Ambassador

## 🏆 AWARDS

President's Scholarship of Distinction
- 2014 | University of Waterloo

Valedictorian
- 2014 | Middlefield C.I.

Top Graduating Male
- 2014 | Middlefield C.I.

## 🔗 LINKS

- Github://**jitindodd**
- LinkedIn://**jitindodd**
- StackOverflow://**jitin-dodd**

## ⚽ INTERESTS

- Basketball
- Toronto Raptors
- Fitness
- Video Games
- Travelling
- Hackathons

## 💼 EXPERIENCE

### SAP | Software Application Developer

Jan. 2016 – Apr. 2016 | Waterloo, ON

- Used SAP UI5, a library built on top of **jQuery,** to develop process-driven modules for an oil-rig operations web application following the **MVC** design pattern.
- Led backend development in developing an in-house web application for tracking employee traffic in the office using **SQL Anywhere, Node.js, JavaScript,** and Reely Active Bluetooth sensors.
- Built a web application POC from scratch to track retail inventory tagged by RFIDs using Intel's RFID sensor, SAP UI5, **SASS, XML, Express,** Node.js, and SQL Anywhere.
- Wrote several SQL stored procedures and corresponding web services to expose **RESTful APIs** for all applications developed.
- Worked heavily with **AJAX** and **JSON;** gained lots of experience debugging asynchronous JavaScript and monitoring the network using **Chrome DevTools.**
- Implemented a test automation system using **Robot Framework,** reducing the QA cycle from 2 days to 4 hours.

### FLIPP | Software Developer

May 2015 - Aug. 2015 | Toronto, ON

- Worked on the backend systems for flyer scraping and indexing using **Ruby, Selenium WebDriver (Watir),** and **MySQL.**
- Built a new system to scrape store locations data; this involved transforming large amounts of unstructured data into well-formatted usable data.
- Added new tools and features to increase the daily workflow efficiency of the flyer indexing team.
- Maintained the flyer content of over 400 North American retailers for the Flipp App, the #1 retail flyer application in Canada.

## 🚀 PROJECTS

### TRACKT | Swift, Ruby on Rails, PostgreSQL

Feb. 2016 – Present | Waterloo, ON

- Built an **iOS** application that gives users the ability to track the locations and current destinations of friends, get estimated arrival times, and more.
- Integrated the **Google Sign-In API** into the iOS application to retrieve the personal information of users, and the **Google Maps API** for visualization of location data.
- Set up a **Ruby on Rails** server and designed a RESTful API to handle user accounts and the transmission of location data between users.
- Created a **Swift** networking class using **Alamofire** so the iOS application can interface with the Rails backend.

### NYM-IN | C++, QT, MySQL, Nymi

Feb. 2015 | Toronto, ON

- Developed a **C++** desktop application that makes the ticket purchasing process completely frictionless using the **Nymi** band.
- Implemented a series of functions to discover, provision, agree, validate, and disconnect the Nymi band at terminals without any user interaction.
- Used the **QT** framework to build frontends for the various screens.
- Won the top hack for Nymi at the 2015 UofTHacks Hackathon.