

# Michael Yaworski

## Full Stack and Mobile Developer

University of Waterloo | Software Engineering

### INFO

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### LANGUAGES

- Java
- JavaScript
- PHP
- Swift
- Python
- C/C++

### FRONT-END

- Android
- iOS
- Angular
- React
- Meteor
- jQuery

### BACK-END

- Node
- Express
- MongoDB
- MySQL

### OTHER

- Android Studio
- Xcode
- Git
- Unix
- Vim
- RapidMiner

### EXPERIENCE

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#### PerkinElmer

Jan 2017 - Apr 2017

Full Stack Developer

- Built a **package management system** with Meteor for downloading internal app extensions using Box API
- Built an **admin dashboard** and a **package explorer app** for the package management system
- Implemented a **voice interface** to control a web app using Google Actions (API.ai) and Amazon Alexa
- Implemented **webhooks and websockets** using AWS Lambda and Express endpoints to handle live updates
- Implemented **data preprocessing** in Python to improve machine learning classification accuracy by **9%**
- Developed an **automated schema matching** engine

[Meteor](#), [JavaScript](#), [Node](#), [Express](#), [MongoDB](#), [Python](#), [RapidMiner](#)

#### LaunchSpot

May 2016 - Jan 2017

Software Developer

- Developed and managed the front-end of a web app with AngularJS (Angular UI Routing and Angular Bootstrap)
- Implemented UI/UX for **major features** on the app: groups, activity streams, notifications, user connections
- Completely **redesigned the UX/UI**, causing a major increase in daily active users

[AngularJS](#), [JavaScript](#), [Bootstrap](#), [LESS](#)

#### imlocal

July 2013

Junior Web Assistant

- Developed scripts to **web scrape** data for company analysis
- Used CasperJS to scrape data from a Google Play app

[CasperJS](#), [JavaScript](#), [Web Scraping](#), [jQuery](#)

### PROJECTS

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See all at <http://mikeyaworski.com/#projects>

#### Android Apps

<http://apps.miky.ca>

- Developed and distributed many popular apps that reached **29,000+ total downloads**
- Focused mainly on calculators for **mathematics** and a notepad app
- Apps include: *Greatest Common Factor*, *Calculator++*, *Secret Notepad*

[Java](#), [Android](#)

#### Blogging App and Website

<https://blog.miky.ca/user/example>

- Designed and created the full stack for a large project (without frameworks)
- Created a **REST API** that the app and website both access for database queries
- Gained valuable experience on back-end **infrastructure/architecture**

[PHP](#), [MySQL](#), [Java](#), [Android](#), [JavaScript](#), [Bootstrap](#)

#### Bar Line (in progress)

<http://android.barline.xyz> and <http://ios.barline.xyz>

- Built the full stack of the **Android & iOS** apps to display the wait time and crowding levels of night clubs
- Created a **REST API** in **PHP** for night club staff to manually update data
- Built the full stack **web app** that uses **crowd sourcing** with **React, Node, Webpack + ES6, and WebSockets**

[Java](#), [Android](#), [Swift](#), [iOS](#), [PHP](#), [MySQL](#), [Node](#), [React](#), [ES6](#), [MongoDB](#), [Socket.io](#), [Google Maps API](#)