

Arka Ganguli

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TECHNICAL SKILLS **Back-end web:** Ruby on Rails, PHP, MySQL, Redis, NodeJS, ExpressJS, MongoDB, Socket.IO
Front-end web: HTML5, CSS3, Javascript (CoffeeScript), JQuery, AngularJS, Bootstrap
Application Development: React Native, Android (Java), Phonegap, Python
Tools & Software: Git, Bash, Apache Ant, SVN, Heroku

WORK EXPERIENCE **Shopify** **May 2015 – August 2015**
Software Developer Intern (Ottawa, ON)

- Worked on the Shopify core product, shipping major front-end and back-end features to order creation, resulting in extremely positive feedback from merchants after launch (*Order creation blogpost*)
- Integrated Shopify's platform with IFTTT, allowing merchants to save time and automate their workflows by promoting their products on major social media platforms automatically
- Gained experience working on a large scale Ruby on Rails application, continuous integration, and writing well tested code

RBC Royal Bank **May 2014 – August 2014**
Software Developer Co-op (Toronto, ON)

- Developed a hybrid mobile application for iOS & Android to streamline the process of transferring money; pitched a demo to the Director of the Mobile & Online Technology department
- Automated the build/ deployment process of mobile apps increasing efficiency up to 3x per day

University Technology Services **September 2014 – Present**
Student Consultant (Hamilton, ON)

- Assisted 200+ students and professors in helping resolve technical computer and network configuration issues with a 90% success rate

RELEVANT PROJECTS (HOSTED ON GITHUB) **Android Taxi Share Application** **December 2014**

- Built an Android app for taxi carpooling that included easy splitting of fares and optimized route calculations using Google maps API

Edulytic Student Hub (*Hacker League*) **October 2014**

- Worked on a web app for students to organize their grades in a visual manner and recognize trends easily using responsive graphs that display performance over time in each course

TuneSpace Music Library (*DevPost*) **October 2014**

- Created an online music library where users can listen, like and track songs from Spotify directly and share it with other users on the site, resulting in a social platform for music discovery

McMaster Entrepreneurship Website (*macentrepreneurship.ca*) **August 2014**

- Developed a website for the club to advertise events resulting in increased turnout by 20% and sponsorship of over \$3000

EDUCATION **Bachelor of Software Engineering & Management** **Expected Graduation: April 2017**
McMaster University, Hamilton, ON 2014/15' GPA: 3.5/4.0 (Deans' Honour List)

EXTRA CURRICULARS **President** (Previously VP Admin), *Software Engineering Club* **September 2013 – Present**

- Leading a 11-person executive team to plan 5 large-scale events and 7 technical workshops for 200+ members
- Increased attendance at workshops by 25% through effective collaboration with other clubs

Vice-President Technical, *Entrepreneurship Association* **February 2014 – Present**

- Planned 10+ events and set the strategic direction of the club with the executive team
- Launched a site redesign that led to a 90% rise in yearly hits: from 900 to 8,000