Arpit Patel

C/C++ - HTML - Bash - Python - Swift - Racket/Scheme - Git - iOS - Unix/Linux - Vagrant - Apache - Flask - MIPS

a285pate@uwaterloo.ca   github.com/Arpit-Patel   apatell.me   linkedin.com/in/inarpitpatel

Experience

L'Focus Consultancy Inc - San Jose   **June 2016 - August 2016**
iOS Developer
- Learned **Swift 2.0** and **Xcode** framework from scratch to build responsive **iOS** application screens.
- Implemented Frontend UI for pharmaceutical app SnapRx (**10,000+ downloads**).
- Added autofill features to make user registration less time-consuming.
- Participated in weekly scrum calls and learnt **agile** methodologies.
- SnapRx is available on **Play Store** and **App Store**, and my implementation can be found on **GitHub**.
- Gained an **Excellent** job performance rating.

Cambrian Solutions - Oakville   **June 2013 - August 2013**
Jr IT Technician
- Proposed new office technologies during meetings using **power point** presentations.
- Developed **Excel** spreadsheets to sort **Cambrian's** suppliers and customers in an efficient manner.
- Gained a sense of corporate expectations by following given deadlines.

Chefs Depot - Markham   **December 2013 - March 2014**
Customer Service Associate
- Gained **customer service** experience through the surrounding retail business environment.
- Handled customer related issues and inquiries related to the different products available.

Projects

Student Colonization Game   **C++, Git, Object Oriented Programming**
- Developed an altered version of the popular **Settlers of Catan** game in a group of 3.
- Used strong **OOP** principles to ensure clean and efficient **C++** code with no raw memory management.
- Debugged and profiled code whilst implementing new features using **Git** in an **agile** environment.

Cesar Cipher Web Application   **Python, Flask, HTML**
- Implemented a **symmetric key** encryption scheme that encrypts and decrypts any given message.
- Deployed the **Python** based web app using microframewrok **Flask** and **mod_wsgi**.
- Used **Flask's request** and **template** modules to handle **client-server** communication.
- Learning more security concepts to integrate more **encryption schemes**.

Secure Linux Web Server   **Vagrant, Linux/Unix, Ubuntu, Apache**
- Utilized **Vagrant** to create a secure **Linux** webserver, which utilizes the **Ubuntu** distribution.
- Designed user login such that an **RSA** based **public key authentication** file is required to access server.
- Configured **Apache** and **user permissions** to integrate my **Cesar Cipher Web Application** as a user.

Create Meetups MEAN Stack App   **MongoDB, ExpressJS, AngularJS, NodeJS, JavaScript, HTML**
- Built a responsive web app that takes in and stores meetup data to learn the technologies of the **MEAN Stack**.
- In the process of developing a more complex **MEAN** app to further my skills in the **MEAN** framework.

Personal Website   **HTML, CSS**
- Assembled website over a **Bootstrap** template using **HTML** and **CSS**.

Education

University of Waterloo: Candidate for Bachelors of Computer Science, Co-op   **Fall 2015 – Present**

President's Scholarship of Distinction