

# 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**).
- Participated in weekly scrum calls and learnt **agile** methodologies.
- SnapRx is available on **Play Store** and **App Store**, and the 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**

- Used **GitLab** to remotely develop 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.

**Cesar Cipher Web Application**

**Python, Flask, HTML**

- Composed a **symmetric-key-encryption** algorithm that encrypts and decrypts any given message.
- Deployed the **Python** based web app using microframework **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.
- Constructed user login so 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**