Arpit Patel

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

Experiences

L'Focus Consultancy Inc - San Jose   **June 2016 - August 2016**
iOS Developer
- Learnt Swift 2.0 and Xcode framework from scratch to build responsive iOS application screens
- Implemented Frontend UI for pharmaceutical app SnapRx (10,000+ downloads)
- Integrated third party dropdown menu features and added autofill features to reduce registration and login time
- Participated in weekly scrum calls and learnt agile methodologies
- SnapRx is available on the 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

Caesar 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 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**
- Used Vagrant to create a secure Linux web server, 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**
- 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   **Class of 2020**

- **President's Scholarship of Distinction**