

MEET PATEL

<https://www.linkedin.com/in/mdpatel7> | mdpatel7.github.io
mdpatel7@asu.edu | +1(203)296-0960 | 1255 E University Dr #313, Tempe, AZ – 85281

SUMMARY

Master of Science, Software Engineering student looking to apply my practical knowledge of software engineering with a focus in web & application development, seeking an internship opportunity in your company

ACADEMIC EDUCATION

Master of Science, Software Engineering

Arizona State University, Tempe, Arizona

Coursework - Programming languages (C, C++, Scheme, Prolog), Data Structures and Algorithms (Python, Dynamic Programming, Divide and Conquer, Greedy, Graphs) & Software Inception and Elaboration (SDLC, Software Development Models)

Bachelor of Engineering, Information Technology

LDRP Institute of Technology & Research, KSV University, Gandhinagar, Gujarat, India

MAY 2019

GPA 3.78/4.00

JUNE 2017

CGPA 7.60/10

TECHNICAL SKILLS

- **Programming Languages:** C, C++, Java, Python, Scheme, Prolog, Swift, Objective C, C#, Javascript, jQuery, SQL, PHP
- **Softwares:** Pycharm, xcode, Android Studio, MySQL, Unity, Visio, Eclipse, GNU Prolog, Dr Racket

PROFESSIONAL EXPERIENCE

1) eFANTOM (Internship)

DEC 2016 - JAN 2017

- Developed a **drop shipping app** – **UniteXpress**
- Integrated the Ali express **API** and developed a **google chrome plugin** which is used to import products from **AliExpress.com** and sold on the **shopify** app.
- **Technologies** used: **PHP, Laravel** (web application framework for PHP) & **MySQL**

2) AppBits Technologies (Internship)

JUN 2016 - SEPT 2016

- Developed front-end of an **iOS** application – **One Stop Discount in Objective C**
- Developed the Coupon, User and Businesses modules in the application.
- An app which can be used at the various restaurants across Indian cities to avail discount through a coupon.
- Third party Framework, **AFNetworking** is used to implement and communicate with Web Service developed in PHP.
- **SDWebImage** is used for cache management of the Images
- **Technologies** used: **Objective-C (Cocoa framework)**

ACADEMIC PROJECTS

1) Virtual Reality for Education: Unity, Android and C#

SPRING 2017

- Developed a **VR application** to make the primary education more interactive
- Combined VR technology with **Unity** using **Google VR SDK**. Unity is used to make the application more interactive.
- Used **NodeMcu** to connect **FLEX sensors** with VR application using the **Mosquito** server implementing **MQTT protocol**.
- Used Flex sensors to send the signals of Hand gestures like grabbing & releasing object to the Application. (Team of 2)

2) Urdhvaga Consultancy: Java Servlet, MySQL, JSP, Ajax. (<http://www.urdhvaga.in/>)

FALL 2016

- Built a web application for a **job consultancy firm**
- Client modules consist of searching, applying for the jobs and viewing the job application status. Admin modules consist of managing the employers, posting job openings, managing job applications and scheduling interviews.
- **Java Servlet** is used on the server side to process data & communicate with the database. Servlet transfers data to **JSP** in the front end, which in turn renders the data & displays it. **Ajax** is used to send/receive data without reloading page.

3) Remote Network Access: Visual basic script

SPRING 2016

- Controlled the working of 20 computers connected in LAN from 1 computer using **VB script**
- Organized a coding event which was supposed to distract the participants by changing the display settings of the computers, so used the VB script to change the working of the 20 computers at once from a single computer.

4) Tic-Tac-Toe: Leap motion Device, Java

SPRING 2015

- Fabricated a simple **tic-tac-toe** game which took human **hand gestures** as input
- Leap motion device creates 3-dimensional field which tracks any movement inside the field.
- Used '**Robots**' package in java technology to develop the game.