

## **Harshit Lamba**

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**Objective:** To develop innovative web and software applications while advancing and adapting my programming skills with the latest technologies.

### **Academic Qualification:**

- Bachelor of Engineering (B.E), Computer Science, Mumbai University, Mumbai, India, July 2018.

Grade: 6.28 CGPI

- Master's of Science (MS), Computer Science, California State University San Marcos, CA, Expected June 2020.

### **Technical Skills:**

- Familiar Programming Languages: Python, SQL, Prolog, Linux command line, java.
- Familiar Softwares: Eclipse, Xampp, NeOn Toolkit, Android Studio, SQL server management.
- Familiar Internet Technologies: ASP.NET, HTML5, CSS3.

### **Project Undertaken:**

#### **1. 3 Level Security**

- Created a 3-level security system using image-based authentication with cue click points and OTP (One Time Password) and insertion click points to increase online security for all users and organizations.
- Designed the system for, increased security verification and authentication on internet, while being economically feasible and easy for user operation.
- Ensured that the designed system fits in as a perfect combination of Recognition based and Recall based approach.
- Increased security by adding a unique image and cue clicked point based technique for user authentication and verification further continued by alphanumeric password and OTP.
- Deployed the back-end SQL queries using XAMPP and ECLIPSE servers.

#### **2. Railway Ticket Booking**

- Developed a system that allows users to view train schedules and book ticket offline in a highly secure environment i.e. LAN.
- Designed server and client GUI for easy user interaction using java framing.
- Implemented the cross-platform client server railway ticket booking application in Java using Net beans.

#### **3. Face Recognition System**

- Designed a Face/Image recognition system with pre-fed commands to recognize objects and faces.
- Developed the system using python script to execute Fisher Algorithm with the help of Raspberry Pi and sensors.

**Extra Curricular Activities:**

- Volunteered for creating awareness and assisting in raising funds for the care of elderly, irrespective of race, religion, caste or creed for HelpAge India.
- Participated as social volunteer in mass awareness against cancer eradication and control to protect the precious human lives and beautiful nature for a period of 15 days for CPAIDS (Cancer Patient's Aid Society)
- Participated in Google DevFest Mumbai organized by CSI Atharva and Google Developers Group Mumbai.
- Successfully completed several online certified courses on Udemy such as Programming for Complete Beginners in C#, MongoDB Essentials, Android Developer from Scratch, Agile Development with UeXceler, The Complete ASP .NET MVC 5 Course, Entity Framework in Depth.
- Represented Atharva College of Engineering in Intra College Rhythm British Parliamentary debate for 2 consecutive years.
- Won the E-week football tournament 2017 at Atharva college of Engineering.
- Assisted as a member for developing boxing accessory for fair play in boxing bouts, further submitted for Franz Ideas'16.
- Assisted in marketing events for Techithon 2016 (Technical fest) at Atharva College of Engineering.
- Assisted as a technical team member for Techithon 2015 (Technical fest) at Atharva College of Engineering.
- Volunteered for conducting several IEEE workshops and seminars at Atharva College Of Engineering.