

GURVIR SINGH TARLOK SINGH BHOGAL

gurvirsinghtarl.bhogal@mavs.uta.edu • (682) 256-4149 • <https://github.com/GurvirSingh>

OBJECTIVE

Highly motivated, detail-oriented, and passionate Computer Engineer with high perseverance and ability to solve problems quickly. Excellent leadership and communication skills are evident in the projects completed. Exceptionally creative professional with experience in Adobe Photoshop, and Illustrator.

EDUCATION

Master of Science in Computer Science

Expected May 2021

The University of Texas at Arlington, Arlington, TX

Selected Coursework: Web Data Management(Fall 2019), Computer Architecture(Fall 2019),
Distributed Systems(Fall 2019)

Bachelor of Engineering in Computer Engineering

May 2019

Lokmanya Tilak College of Engineering, Navi Mumbai, India

GPA: 8.20/10

Thesis: *Smart Vehicle Security and Maintenance System using IoT*

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, PHP, C, HTML5, CSS3, Linux/Shell, Node.js(familiar)

Applications: Microsoft Office, LibreOffice, Adobe Photoshop, Adobe Illustrator, Git, FL Studio

Operating Systems: Linux, Windows 10 / 8 / 7, macOS

Server Applications: Apache HTTP Server, FileZilla, Apache Tomcat

Database: MySQL

Others: BootStrap, three.js, phpMyAdmin, IoT

Websites: Designed and developed <https://gurvirbhogal.com/>, <https://gurvirsingh.github.io>,
<http://gurvirbhogal.uta.cloud/>

RELEVANT PROJECTS

Intranet Departmental Portal

June 2017

- Developed an Intranet portal from scratch for Lokmanya Tilak College of Engineering using HTML5, CSS3, JavaScript, PHP, and MySQL. The website managed data of 460 users and produced 8000 database entries each semester. It also met the demands of the department to conduct online quiz examinations, gather course feedback, display result, select courses, and a faculty dashboard

Smart Vehicle Security and Maintenance System using IoT

April 2019

- Developed a working model of IoT sensors transmitting real-time data from the vehicle to a centralized system that measures vehicle performance on various parameters, which passes through advanced algorithms providing 43% improved security of the vehicle

EXPERIENCE

Software Developer Intern

December 2017 - March 2018

Trivia Softwares

- Developed and tested a student data management system using Java SE 8
- Designed and Developed the UI for student management system

ACTIVITIES/HONORS

- Member and Volunteer for the Mobi Web Development Club at The University of Texas at Arlington
- President and Founder of the Helix Coding Club at Lokmanya Tilak College of Engineering
- Awarded a Letter of Appreciation for proposing and developing the first intranet departmental portal at Lokmanya Tilak College of Engineering