

# Tarawanti Khatri

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Visa status: Green Card

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**Award: Silver Medalist for securing the first position in Bachelor of computer science program**

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## EDUCATION

UNIVERSITY OF SINDH	Bachelor's in Computer Science	2010-2015
THE UNIVERSITY OF AKRON	Master Science in Computer Science	Expecting May 2020

## SKILLS

- More than 2 years of applicable professional experience
- Good Knowledge of database fundamentals and ability to write efficient SQLs
- Strong OO design skills with good knowledge of object modelling and design patterns
- Knowledge of some source control concepts and tools such as Git, and experience in SVN
- Strong Understanding of architecture and design across all systems, Working proficiency in developmental toolsets
- Strong analytical, conceptual, and problem-solving abilities.
- Ability to work in large, collaborative environment and passionate about building an innovative culture
- Currently working on Java, Vue.js, Rest, SQL Developer, MS SQL, GWT, Git , SVN, ACE

## EXPERIENCE

Java Developer **SHERWIN WILLIAMS** Oct-Present

- Working on sherwin main admin domain, building and Maintaining the live website using Vue.js, Rest API, Java, Sql server, Docker container, Git
- Working on the JMS parser to convert every upcoming transaction to the json format

SOFTWARE DEVELOPER **SKILLNET INC** 08/2019 – 11/2019

- Worked on the Configuration tool: which will support the main configuration skillnet clients
- collaborated with two full time employees to finish the configuration tool.

INTERN SOFTWARE DEVELOPER **SKILLNET INC** 05/2019 – 08/2019

- Configuration Tool: Java, Gwt, MSSQL, Hibernate, Dao, CSS ,HTML, SVN, Git
- Working on the configuration tool for POS system implementation
- Generating the DAOs and Database, DTO as needed
- Replacing the hibernate ORM with DAO for mapping the variable to data object
- Directly working with team and supervisor

INTERN PRODUCT DEVELOPMENT **ALFAZEE BIG DATA INC** 01/2017 – 08/2017

- Employment Application : Moqap, swift, java, google doc
- Performed program design, coding and development, worked closely with software lifecycle.
- Directly and virtually work with a team of professionals to clearly define and execute software

- requirements according to the client.
- Worked on the UI using the Moqap as a final draft of application

INTERN .NET DEVELOPER **HIDAYA FOUNDATION OF TECHNOLOGY** 01/2014 – 06/2014

- Description: Worked on 6 months internship program as an intern software developer there I worked on LMS project
- LMS(Learning Management System) created using C#, ASP.net, CSS, HTML, SQL
- LMS made for software house's student and teacher for academic use
- Currently application is being used by software house in Pakistan for over 300 interns.

## **PROJECTS**

Artificial Intelligence and Heuristic Programming

- Using Java/ j48/weka implemented a knowledge-based system using a decision tree as its knowledge base
- Learn a decision tree and save the tree then created confusion matrix from tree
- Testing accuracy of the decision tree.
- Applied the decision tree to new cases

Speech Emotion - Affective Computing Research Paper

- Working on papers to find out difference algorithm for detect emotion from speech
- Artificial Neural Network
- Normalized least mean squares (NLMS)

Large Graph Visualization

- Using Lost Circle/ python /Json and Gephi we have created a model that can make a graph for your facebook friends and shows the collection between friends and mutual friends

Personality prediction using social media

- Python/Naive Bayes/Java
- Retrieved the five kinds of personality from social media(Facebook)
- Analysed the personality from dataset, based on social activities
- Objective for project. HR can use prediction to hire right fit for employee

BFS/FFA/DFS (College Project)

Worked on the college project using C++, used very complex network to find the shortest path between source to destination

## **VOLUNTEER**

- StarTalk, Akron, OH June 2017 –Present
- StarTalk is a social association that brings kid and teaches them Indian tradition.