

# Suresh Ghatani

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## PROFILE

Enthusiastic data science graduate with experience interpreting data by applying mathematics, statistics, Python, SQL, R, data mining, and predictive modeling techniques to gain valuable insights and convey complex hidden patterns and trends to stakeholders clearly, utilizing visualization tools: Power BI and Tableau. Seeking a volunteering role at the Centre for applied Artificial Intelligence to contribute to innovative research activities.

## SKILLS

### TECHNICAL SKILLS

- **Machine Learning/Deep Learning:** Supervised and Unsupervised Learning Algorithms, Feature Engineering, Feature Selection & Extraction, Artificial Neural Networks (ANN), Convolutional Neural Networks (CNN)
- **Programming Languages:** Python, R
- **Databases & Management Tools:** SQL, NoSQL, MongoDB, Studio 3T
- **Data Visualization and Tools:** Matplotlib, Seaborn, ggplot2, Plotly, Excel, Tableau, Power BI
- **Mathematics for ML and DL:** Linear Algebra, Calculus, Probability and Statistics, Linear Regression and Statistical Learning, Optimization, Discrete Mathematics, Loss Functions
- **Management Skills:** Project Management: Agile Software Development, Scrum Management, KPI Tracking, JIRA (basic concept), Resource Management, Strategic Planning, Budget Management
- **Analytical Skills:** Descriptive Analytics, Predictive Analytics, Exploratory Data Analysis(EDA), Data mining, Data Presentation, Data Engineering, Analytical Reasoning
- **Research skills:** Data Collection, Literature Review, Information organizing, Hypothesis Testing
- **Writing Skills:** Technical Writing, Report writing, Data Storytelling, Summaries, Documentation

### SOFT SKILLS

- Communication (written and verbal), Presentation Skills, Problem-Solving, Team Collaboration, Time Management, Task Delegation, Performance Monitoring, Critical Thinking, Leadership, Adaptability, Creativity, Detail-Oriented, Decision-Making, Active Listening, Fast Learner, Goal-Oriented, Reliable, Positivity

## EDUCATION

Performance Education, Sydney - **Professional Year - IT** May 2024 - present  
Transferable skills:

- **Communication skills:** Effective verbal and written communication in professional settings
- **Presentation skills:** creating and delivering presentations
- **Professional Meeting skills:** Conducting and participating in professional meetings

Macquarie University- **Master of Data Science** Feb 2022 - December 2023

Khwopa Engineering College – **Bachelor in Computer Engineering** 2017

## ACADEMIC PROJECTS

### Trust Management in Crowdsourcing - Research Project (20 Credit hours)

Session Four - Macquarie University July 2023 - November 2023

- Conducted a comprehensive literature review of 20 research papers
- Performed an in-depth analysis of existing literature & Analyzed factors influencing trust formation and evolution in crowdsourcing platforms
- Evaluated existing research on reliability and performance in crowdsourcing systems

Skills developed:

- Critical analysis and problem-solving
- Research and Analytical skills

## Machine Learning Project, Macquarie University

August 2022 - November 2022

Prediction of age group of the person from images:

- Developed a predictive model to determine the age group of individuals from images
- Achieved a ranking of 15 out of 30 participants on the Kaggle leaderboard competition, attaining an accuracy of 60% on a private test dataset.
- Employed a combination of conventional machine learning methods and deep learning techniques to enhance prediction accuracy and robustness

## EXPERIENCE

### Junior IT Assistant - Nepal

March 2018 - 17 August 2019

Worldlink Communication Limited, hired by Infotech Services Pvt. Ltd.

- Resolved end customers' internet issues via phone, social media, and inbuilt chat support mediums, resulting in increased customer satisfaction
- Assigned field technicians to handle issues that couldn't be fixed remotely and conducted timely and proactive follow-ups, ensuring efficient problem resolution, and escalated complex issues to senior levels.
- Educated customers weekly on internet connectivity, router positioning, and troubleshooting through face-to-face interactions and direct telephone communication, providing solutions and enhancing overall customer experience by reducing recurring issues and improving user knowledge

## COMMUNITY ENGAGEMENT

### His Glory Nepali Church, Granville, 2142 NSW

2022 - Present

- Assisted with various chores **collaboratively** every Saturday to support church operations
- Systematically and accurately **store the data** into the google sheet of the collected offered money or tithe, ensuring transparency
- Demonstrated my **creativity** by successfully composing the theme song for the church
- Participated in various **recreational activities**: dancing, singing, acting during events and programs

### Youth Leader, Swotanttra Christian Church, Nepal

2013 - February 2022

- **Led** youth initiatives, taught musical skills, conducted worship services, and provided leadership and support.

**References are upon request**