

GAURAANG MALIK

Project Manager, AI agents, Data mining, Qualitative Research

CONTACT

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[LinkedIn](#)

EDUCATION

McGill University

**Masters of Information
Studies**

2023 - 2025

Amity University

**Bachelor of Science in
Information Technology**

2017-2020

SKILLS

Microsoft Office Suite

Python

HTML/JavaScript/CSS

PHP/ RDBMS/ C++

Qualitative Sampling

Organizational Skills

Attention to Detail

ACHIEVEMENTS

Rising Star Award,

Schlesinger Group,
September 2021.

Game Jam Titans,

3rd Place in a national level
game
development competition
August 2016.

PROFILE

Results-driven Project Manager with an excellent record in managing multiple aspects of Quantitative Research. Experienced working with AI agents like ReAct, Smolagents, Langchain and RAG system. A proven multitasker, focusing on prioritization and timely completion of tasks. A team player with an eye for quality control, strong analytical and communication skills.

PROFESSIONAL EXPERIENCE

Research on LLM-Agent Architecture

McGill University | | April 2024 – Ongoing

Part 1 Literature review - May 2024 | | August 2024 with Prof. Benjamin Fung

- Comprehensive understanding of Encoder and Decoder Transformer models.
- Acquired knowledge of the causes, types, and detection methods for AI hallucinations.
- Explored methods for mitigating AI hallucinations using LLM agents and Retrieval-Augmented Generation (RAG) systems.
- The research findings explore a multi-agent architecture that reduce fact conflict hallucination.

Part 2 Implementation - January 2025 ongoing with Prof. Steven Ding

- Implementing the research findings from Part 1 in one of the existing open-source AI Agent like Smolagents, Langchain or Autogen.

Project Manager

Schlesinger Group | | March 2021 - February 2022

- Successfully delivered multiple B2B and B2C Quantitative projects across multiple industries. - leading to discovery of interesting insights.
- Pre-emptively identified project related challenges and proactively resolved project related issues by establishing effective communication between internal and external stakeholders. - leading to smooth research work.
- Managed multidisciplinary research functions including Data collection, Data Processing, Programming, Tabulation and Translations. Putting my skills to practical use for critical research problems - leading to successful team research work.

Associate Project Manager

Progresso Research | | February 2020 - February 2021

- Managed multiple B2B and B2C quantitative sample-only projects.
- Managed bidding RFQs for clients and vendors simultaneously.
- Managed costs per respondent for surveys by monitoring inference.
- Manage 30 projects at an average in a month with timely delivery.

Magento & WordPress Developer

Digital Empowerment Foundation | | May 2019 - July 2019

- Created Handloom website on Magento for an NGO. Digikargha.in
- Integrated payment gateways for Websites on Magento & WordPress.