

# Sidhant Aggarwal

Highly motivated graduate student with a challenging **dual master's in management information system and Finance**, with 4.5+ cross-functional experience in **project management and technology consulting**. Aiming to leverage **proven knowledge of data science, statistics, project management and financial modeling** to help business make data-driven decisions.

## Education

### 2019-01 - 2020-05 Master of Science: Management Information System

University of Illinois At Chicago - Chicago, IL  
GPA: 3.7

### 2019-01 - 2020-05 Master of Science: Financial Mathematics

University of Illinois At Chicago - Chicago, IL  
GPA: 3.7

### 2010-01 - 2014-05 BS: Industrial Engineering

Purdue University - West Lafayette, IN  
• Minored in Management

## Work History

### 2020-01 - Current NLP/Artificial Intelligence Intern

Journyz, Chicago, IL

### 2019-08 - Current Graduate Teaching Assistant

University Of Illinois At Chicago, Chicago, IL  
• Oversaw classes of up to 120 students in **Money and Banking, Options and Futures, Investments, Energy Finance, Managerial Finance**

### 2019-01 - 2019-05 Consulting Project Intern

SAP, Chicago, USA, IL  
• Performed **comprehensive overview of platform and technology competitive landscape**

### 2019-01 - 2019-05 Business Technology Intern

Iyka Enterprises Inc., Chicago, USA, IL  
• Streamlined the sales process in B2B transactions and Identified the friction points in the sales process.  
• **Developed in-house CRM prototype** to meet the unique business needs.

### 2017-11 - 2018-12 Data Analysis Consultant

Modern Constructions, New Delhi, India  
• **Increased the profit from reselling by 22%** by building a buying recommendation system to predict house prices **using machine learning libraries in Python**  
• Designed and developed **effective lead management system** using historical sales data to predict the properties that are most

## Contact

### Address

1506 W Polk St, APT 1R  
CHICAGO, IL, 60607

### Phone

(312) 730-8727

### E-mail

saggar5@uic.edu

### LinkedIn

<https://www.linkedin.com/in/sidhantaggarwal/>

## Skills

**Programming: SQL, R, Java, Python, ASP.NET, C, C#**

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Very Good

### Statistical Techniques:

**Classification, Clustering, Regression, Random Forest, Decision Trees, Text Analytics, Naïve Bayes, K-NN, PCA, LDA, SVR, SVM, Collaborative Filtering, Boosting, Segmentation, Neural Networks, A/B testing**

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Very Good

### Software Tools: MS Excel, MS

**Access, SPSS, Crystal Reports, WebI, Minitab, JMP, Appleworks, Google Docs**

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Excellent

### Business Intelligence: Tableau, Microsoft BI

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Excellent

### Strategic financial planning

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Very Good

### Project management

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Very Good

### Forecasting trends

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likely to sell within a time frame

- Stipend of \$2000 for **introducing paperless field data** to store daily valuable information about inventory use, wastage, delays, etc.
- Offered **data-driven recommendations** aligned with overall company strategies and prioritized process improvement initiatives.

2016-09 -  
2017-11

## Construction Project Manager

*Modern Constructions, New Delhi, India*

- Created schedules and roadmaps for projects with budgets ranging from **\$100,000 to \$5,000,000 using Waterfall Approach**
- Monitored, coached and supervised team of 9 employees in 2018
- Received "Excellence in Execution" award (< 5% employees) for **~ 10% timeline reduction for two projects in a row**

2015-07 -  
2016-08

## Strategy Analyst

*The Smart Cube, Noida, India*

- Developed a **~8% cost reduction plan** for raw material sourcing of frozen food for a Fortune 500 food services company
- **Evaluated 5 source countries** based on cost structure differences, pricing trends, competitive landscape and demand-supply scenario.
- Conducted expert interviews to gain industry insights and **identified 2 sustainable and lower-cost alternatives**

2014-06 -  
2015-06

## Technology Consultant

*Deloitte, Camp Hill, PA*

- Assisted team working on Pennsylvania Community Health Choices (CHC) program - care delivery channel for PA older and disabled citizens who need long term support and services (MLTSS) Key
- Responsible for **cleaning, labelling and conceptualizing large databases in MYSQL**
- **Automated the Archival SQL batch** of the backend to delete all the unwanted data on its own periodically.
- **Performed unit testing** on the developed/ modified code and capture unit test documents using **MSTest/Visual Studio**

## Certifications

2019-08	Machine learning and Deep learning by Andrew NG
2016-02	Microsoft Certified Technical Associate - Software Development
2015-12	Six Sigma Green Belt Certification (KPMG)
2019-07	Tableau 2019, 2018 & 10: Certified Associate certification
2020-01	Data Science: Deep Learning in Python

Very Good

### Industry analysis experience



### Knowledge of ERP (Enterprise Resource Planning) software



### Financial modeling



### Variance reporting



### Financial management



### Project analysis

