

# Mahak Gupta

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## EDUCATION

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**EdYoda Digital University, India** **May 2022 – Present**  
**6-Month Certification | Data Science**

- Python, Data Structures and Algorithms, SQL

**University of Delhi/Hansraj College, New Delhi** **July 2019 – Aug 2021**  
**M.SC Physics**

- CGPA: 7.7/10

**University of Delhi, New Delhi** **July 2016 – June 2019**  
**B.SC Physics (Hons)**

- CGPA: 8.61/10

## INTERNSHIP EXPERIENCE

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**University of Delhi, New Delhi** **July 2020 – Aug 2021**  
**Data Analyst Intern**

- Studied Electrical properties of vertically standing nanowires using Python, SQL server and statistical methods
- Solved 1-D triangular well potential equation using python and extracted 10,000 results for various temperatures
- Cleaned and optimized the data set by writing SQL queries
- Plotted the Current(I)/Voltage(V) curves using origin and compared these curves with experimental I/V curves
- Extracted current density and mobility by comparing experimental and theoretical curves

## PERSONAL PROJECTS

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**Online Food Ordering App** **June 2022 – July 2022**  
• Designed online food ordering app using OOPS, JSON concepts in Python. User and Admin can register and login the app. Admin can insert, update and delete the food items, while user can order the food item.

**Bank Management System** **June 2022 – July 2022**  
• Designed bank management system based on ATM format where user can credit and debit the money for saving account, current account and business account

## SKILLS & CERTIFICATIONS

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- **Programming Languages – Python, C**
- **Databases – SQL server**
- **Tools – MS-Excel, MS-Word, Power Point, Origin**
- **Certifications – SQL For Data Exploration, Python Basics, MS-Excel for data visualization**

## LEADERSHIP EXPERIENCE

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**University Students' Décor Team** **Feb 2017 – April 2017**  
**Team Manager**

- Managed decoration team of 15 members for the annual college fest 'PHONEIX' for academic year 2016-2017
- Awarded as best decoration from past 3 years

## AWARDS & ACHIEVEMENTS

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**AIR-954** **Mar 2022**  
• Secured an All India Rank 954 in 'Graduate Aptitude Test for Engineering' (GATE) Physics

**AIR-5** **July 2019**  
• Secured an All India Rank 5 in 'Delhi University Common Entrance Exam'(DUCET) for M.SC Physics

**Second Runner Up****July 2016**

- Second runner in class 12<sup>th</sup> at Senior Secondary School for securing marks in C.B.S.E board Exams

**Ms. Punctual****Mar 2014**

- Awarded title of Miss Punctual at High School for academic year 2013-2014