

# PREETIKA CHHOTRAY

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## EDUCATION

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University of Windsor, Windsor, Ontario, Canada  
**Master of Applied Computing**, Sept 2021 – Dec 2022

Guru Gobind Singh Indraprastha University, New Delhi, India  
**Bachelor of Technology, Information Technology (First Division)**, Aug 2015 – June 2019

## RELEVANT EXPERIENCE

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**Gerson Lehrman Group**, Gurugram, India

*Research Specialist, Compliance*

Apr 21 – Aug 21

- Held position of a fraud examiner, reviewed and evaluated completeness, accuracy, and appropriateness of an individual or a company's profile by 85%.
- Learnt and applied compliance policies to protect data integrity of client engagements by 50%.

**OLA**, Gurgaon, India

*Business Analyst, Revenue Management Team*

Aug 2019 – Dec 2020

- Established constructs for pricing strategies, business operations, and performed market research for growth and expansion resulting in a 50% profit.
- Headed business operations in Gurgaon and performed market research surveys to grow business where a growth of 12 - 15 % was witnessed in driver partners and profit.
- Validated analysis on driver data using most trending technologies (Hive, Excel and SQL).

**AIRPORT AUTHORITY of INDIA**, New Delhi, India

Jun 2018 – Jul 2018

*Data Analyst Intern, IT Department*

- Analysed the Marketing Information Data Transfer dataset of 400 MB provided by the AAI with BI tools by understanding business and exploring data.
- Created visualizations using Tableau after cleaning the data and made predictions based on data provided.

**DEFENCE RESEARCH DEVELOPMENT ORGANIZATION**, New Delhi, India

Jun 2017 – Jul 2017

*Web Development Intern, DESIDOC*

- Built a Leave Management Portal for employees at DRDO to digitize leave sanctioning process.
- Deployed portal using Xampp for web server, MySQL and Zend Framework.

## ACADEMIC PROJECTS

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*Predictive Analysis for Donation Data*

Jan 2022 – Apr 2022

- Built a dynamic and comprehensive dashboard to display the analysis of donations from DonorsChoose.org.
- Leveraged technologies like MongoCompass, NodeJs, Crossfilter.js and DC.js.

*Web Search Engine (ATOM)*

Sept 2021 – Dec 2021

- Developed a web search engine on Eclipse using Java to conduct 3 different tasks.
- Analysed and leveraged existing algorithms to crawl web, search patterns and perform page ranking.

*Playing PacMan using Hand Gestures, Bachelor Thesis Project*

Sept 2018 – Apr 2019

- Tweaked the famous PacMan game by leveraging gesture recognition.
- Programmed system using Tensorflow, Python, NodeJS, Web server for Chrome, HTML.

*Hand Gesture Recognition using Computer Vision, Minor Project*

Jan 2018 – Aug 2018

- Developed, modified and implemented a robust hand gesture recognizer by operating background subtraction method.
- Leveraged technologies including Python and OpenCV for gesture recognition.

## TECHNICAL SKILLS

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- **Programming Languages** : Java, C, C++, Python
- **Database Management** : MySQL, MongoDB, MongoCompass
- **Internet Design** : HTML, CSS, PHP, NodeJS, DC.js, D3.js
- **Other technologies** : OpenCV, Tensorflow, Tableau, Excel, GoogleAPI, SalesForce, PowerBI

## ACHIEVEMENTS and RESPONSIBILITIES

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- Got selected for one of the best projects for **Advanced Database Topics** course by the University of Windsor and showcased it on **Demo Day** which was attended by professors from the university as well as industry professionals.
- Was one of the **5 candidates** out of a batch of 140 students who were shortlisted by the **Head of Department, IT** for the Best Student Award for the department of IT.
- **Headed** the **editorial and documentation** team of TEDxBVCOE and **hosted** the first ever TEDx event of my college.
- Bagged the **third position** at a hackathon at Christ University Faculty of Engineering, Bangalore.