

ROBIN KHATRI

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A Statistics and Machine Learning master student with demonstrated skills in Machine Learning and Analytics. With international outlook, experience, and an innovative mindset, I'm interested in a challenging role in Data Science and Machine Learning.

EDUCATION

Université de Saint Etienne & Mines Saint Etienne, France

Master Machine Learning & Data Mining

2018-19

Grade: Très Bien (First honors)

Amity University, Noida, India

Master of Statistics

2016-18

Grade: 9.74/10, First in class

Ben-Gurion University of The Negev, Israel

Ginsburg Ingerman Summer Fellow: Cyber Security

2018 July

Grade: 97/100

Utrecht University, Netherlands

Summer School: Data Science & Survey -

- Research, 2017 August

Kanpur University, India

B.Sc. - Mathematics, Physics and Chemistry

2010-13

First distinction, Gold Medal in Mathematics

SKILLS

ML and AI tools: Python, R, MATLAB, SQL, Apache Spark, Hadoop, AMPL, Prolog, LaTeX

Human languages: **English:** Advanced user, C1 (IELTS score: 8.0), **French:** B2 (Intermediate), **Hebrew:** B1 (Lower intermediate), **Punjabi:** Native

ML Frameworks: Tensorflow, cntk, Pytorch, OpenCV

Cloud Platform: GCP, AWS

WORK EXPERIENCE

Laboratoire Hubert Curien UMR CNRS 5516, Saint-Étienne, France

2019 April - July

Machine Learning Stage (Internship)

(4 months)

Details: This work focuses on finding efficient method of image super resolution in medical imaging using Optimal Transport. The results were highly successful and the project was presented at Manutech Sleight Graduate School, University of Lyon, France.

Techniques: Deep Learning (Generative Adversarial Networks), Optimal Transport

National AIDS Control Organization (NACO), Govt of India Master Thesis in Public Health Statistics (Assessment of HIV/AIDS Stigma) Details: Successfully participated in transformation of communication policy of NACO through data driven consulting, and achieved the highest grade in the dissertation	2018 Jan - June (6 months)
Malware Lab, Be'er Sheva, Israel Summer Project: Securing SWaT (Secure Water Treatment System) from cyber attacks Details: Implemented Machine Learning algorithm (Random Forest) to detect cyber attacks	2018 July (1 month)
Institute of Economic Growth, New Delhi Summer Internship, Topic: Analysis of Deposits held by Commercial Banks in India	2017 May - July (3 months)
JS Auto Pvt. Ltd., Kanpur, India Accountant	2014 Aug - 2016 June (1 year 11 months)

AWARDS AND HONORS

Legrand UGAM Scholarship (2018-19), by *Legrand Group, New Delhi 2018*
 Charpak Scholarship of Excellence (2018-19), by *the French Embassy, New Delhi 2018*
 Merit Certificate for securing the highest grade, by *Department of Statistics, Amity University, India 2018*
 Honorable mention, National Essay Competition, by *United Nations Information Center for India and Bhutan 2017*
 Gold Medal in Mathematics, by *Kanpur University, India 2013*

VOLUNTEERING EXPERIENCE

7cups; Providing peer-support to people in distress (Since 2015)
 Distributed Publishers - Project Gutenberg; Proofreading ebooks. (Since Jan 2019)

OTHER INTERESTS

Chess, Poetry, Birdwatching, travelling