

Rajat Katyal

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SUMMARY

A Master of **Data Science and Innovation** student at [University of Technology Sydney](#) with 4 years of experience in Business/Analytics.

Key Skills: Machine Learning, Statistics, SQL, R, Python, Shiny R, Tableau, AWS, Microsoft Excel, Stakeholder management, Communication, Reporting, Business Intelligence, Business Strategy, Negotiation

INTERSHIPS (AUSTRALIA)

Data Science iLab – UTS for NSW Police

August '19 – Nov '19

- Built a Forensic **Image classifier and Object detector** using **Deep Learning** techniques
- Wrote an [Introductory blog](#) for Understanding Convolutional Neural Networks.

Data Science Intern – [Faethm AI](#) (ACS Incubated)

June '19 – August 19'

- Created the Future of Jobs Mapping that helps clients in hiring and pivoting talent based on effects of **computer automation** and **Human Augmentation**.
- Created a **Dynamic Dashboard** for the Future of Jobs at a **task and skills level** using **Shiny R** and **plotly**
[Work Recommendation - LinkedIn](#)

OTHER ACADEMIC PROJECTS / PAPER

- Exploratory data analysis for Diabetes Prediction (Python language): [Link](#)
- Movie Recommendation Engine: A Kaggle competition
- Time Series Analysis of City crime
- Corpus Text Mining (R language): [Link](#)
- Quantified Self-Analysis: <http://rpubs.com/rajat-katyal/500022>
- R Intro Blog: <http://rpubs.com/rajat-katyal/481663>

Co-authored Research paper titled 'True Random Number Generator using Fish Tank Image' published in the 'International Journal of Computer Applications',

2013

Digital Library: <http://www.ijcaonline.org/archives/volume78/number16/13609-14>

WORK EXPERIENCE

Business Analyst - [InMobi Technology](#), India

Oct '14 - Sep '15

- Built a **Business Operations tool** for effective PnL calculations of customized Media deals valued ~ \$100,000/day
- Using **Python** and **SQL** set up **automated email trackers** for key client reporting on Virtual Machines.
- Built and Automated essential Report** like Weekly/Monthly Revenue Trackers and Regional Analysis.

Partner Manager – [InMobi Technology](#), India

Oct '15 – June '17

- Managed Revenue/Relationship and negotiated contracts** with the key business Partners of the region.
- Consistently achieved Revenue targets of the order **\$ 10 Million/year**

Business Development Manager – [Chocolate Platform](#), India

July '17 –Jan '19

- Lead the Business development efforts in Asia and Europe for the Ad Mediation Platform.
- Built the Chocolate Brand in the Mobile Ad market and represented it in key Mobile events in EU/Asia.

DEGREE / EDUCATION	UNIVERSITY	PASSING YEAR
Bachelor of Engineering, Information Technology	University of Pune, India	2014
Master of Data Science and Innovation	University of Technology, Sydney	2020

*References or Project Reports available upon Request.