

SIMRAN SINGH GULATI

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EDUCATION

Monash University, Clayton

March 2020 to December 2021

Master of Data Science

GPA 3.0/4.0, WAM : 74.250

- Earned merit scholarship of A\$ 8000 for Semester 1, 2020.
- Fine tuned data structures and object oriented programming in **Python**.
- Learned database administration concepts and querying using Oracle SQL Developer.
- Mastered mathematical foundations including Linear Algebra, Calculus and Probability.

SRM University, Chennai

July 2015 to May 2019

Bachelor of Technology in IT

80.65%

- Scrutinised *programming* in a variety of languages like C, C++, Java and Python.
- Worked on a variety of *multidisciplinary projects*:
 - **Minor Project** : Built a full stack portal to report items lost and/found on college campus.
 - **Major Project** : Forecasted cryptocurrency prices using *Long Short Term Memory* networks.
- Represented Coding Blocks as *campus ambassador* in senior year.

Kennesaw State University, Online

July 2017 to April 2019

Specialisation in Cybersecurity

97%

- Completed a set of four certifications offered via Coursera.
- Submitted report on Information Security Management for **Consolidated Holdings Inc.** as a capstone.

EXPERIENCE

Data Science Trainee at Coding Blocks, Delhi

September to November 2019

- Scraped data from websites using *BeautifulSoup*.
- Experienced code-collaboration using *Git* and *GitHub*.
- Practised data mining and visualisation using *Pandas* and *Matplotlib*.
- Built a Natural Language Processing based application and deployed it on Heroku.

Summer Intern at National University of Singapore, Singapore

May to June 2018

- Analysed Big Data using *Artificial Neural Networks* under the guidance of Dr. Tan Wee Kek.
- Attained an *accuracy of 90.7%* to mine over a million movie-review records in a Kaggle contest.
- Installed *Cloudera* on Linode to find the most visited Wikipedia pages for a randomly selected hour.
- Underwent Hadoop System Administration training from **Hewlett Packard Enterprise**.

Summer Intern at Data Resolve Technologies, Delhi

June to July 2017

- Constituted organisation's *White Paper* centred around Employee Monitoring and InfoSec.
- Developed a *blog series* about the benefits of Cyber Intelligence reporting.
- Composed daily *infographics* in collaboration with graphic-designer for constant brand engagement.
- Directed a *video* to explain malicious employee behaviour and how to restrict associated data leaks.

Freelance Web Developer

- twist79.com - Contemporary gold jewellery brand.
- wowcollective.co - B2B solution for business and fashion supplies.

PUBLICATION

www.thetechsingh.com

January 2017 to Present

- Built a tech-blog wherein I solely handle the development and maintenance of *code*.
- Published over 30 articles centred around raw data information security.
- Encompassed a community of over 200 organic readers with an established social media reach.
- Monetised the website using Google AdSense and Amazon Affiliate Marketing.