



HARSHIT TRIVEDI

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EDUCATION

-  *The Australian National University, Canberra* 2016-18
Master Of Computing
Specialization: Information & Human-Centred Computing
-  *Guru Gobind Singh Indraprastha University, Delhi* 2010-14
Bachelor Of Technology [Computer Science & Engineering]
Electives: Network Security, Artificial Intelligence




SKILLS

Programming Languages: **Python, C#.NET, HTML/CSS, Core Java, Javascript, R, MATLAB**
IDEs: Visual Studio, Android Studio, IntelliJ Idea, JetBrains PyCharm, R Studio
Databases: Oracle 10g, PostgreSQL, SQL Server 2008 R2, MySQL boldness denotes higher proficiency

RELATED EXPERIENCE

- ANU Cybercrime Observatory, Canberra*
Research Officer July. 2017 - Present
 Working on ACMA's 2016 real-world email datasets to describe the nature of, and trends in **spam-borne malware**. Analyzing current malware product trends, categories and average pricing on **darknet marketplaces**.
Technologies/Tools: Python, MySQL
- Samsung Engineering India Pvt. Ltd., Noida*
Associate-I, System Development Nov. 2014 - Jun. 2016
 Responsible for development, testing and maintenance of the company's in-house information system called **M-System**, developing 12-15 integrated modules and training incoming interns in the **System Development Team**.
Technologies/Tools: ASP.NET Framework 4.0 (C#.NET), JavaScript, JQuery, HTML/CSS, Oracle 10g

TEACHING / ACADEMIC EXPERIENCE

- ANU College of Engineering & Computer Science*
Academic Tutor Feb. 2018 - Present
 Tutored the courses **COMP2420 - Introduction to Data Management, Analysis and Security** and **COMP7230 - Introduction to Programming for Data Scientists**. Responsibilities include supervising lab sessions and marking students' assignments.
- Code Camp Pty. Ltd., Sydney*
Head Teacher Apr. 2017 - Present
 Tutored school kids aged 8-13 on building **mobile games** through an interactive web-based platform in well-designed 3-5 day workshops during their school study breaks.
- Noida Education Academy Public School, Noida*
Volunteer Teacher - Computer Science Dec. 2014 - Mar. 2015
 Developed & taught all course material including formulating and grading class tests to a class of 35 8th grade students. Curriculum included **Internet - Securities & Risks, Web Technologies, HTML and Multimedia**.

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INTERNSHIPS / PROJECTS

The Australian National University, Canberra

Computing Group Project

Spring 2017

🔗 'Bindi - AI Student Assistance', a smart web platform that is designed to assist the students in planning their degree and aims to bridge the communication divide between the students and the Student Services Administration.

Technologies/Tools: HTML/CSS, Javascript, Bootstrap, Django Framework 1.11, Python 3.6, PostgreSQL

Guru Gobind Singh Indraprastha University, Delhi

Minor Project (7th Semester)

Fall 2013

🔗 A project in 'Mobile Cloning And Its Detection' to demonstrate the process of SIM Cloning and build an application to detect a cloned SIM by a network server through a combination of Duplicate Detection and Velocity Trap.

Technologies/Tools: Java, NetBeans IDE, MySQL

Samsung Engineering India Pvt. Ltd., Noida

Industrial Internship

Summer 2013

🔗 A project in 'Samsung Free Classifieds' offering the employees of SEI an interactive platform to buy/sell used products within the organization.

Technologies/Tools: ASP.NET Framework 4.0 (C#.NET), JavaScript, HTML/CSS, Microsoft SQL Server 2008 R2

AWARDS / PUBLICATIONS

🔗 Broadhurst, R., Lord, D., Maxim, D., Woodford-Smith, H., Johnston, C., Chung, H.W., Carroll, S., Trivedi, H., and Sabol, B. 2018. **Malware trends on darknet crypto-markets: Research Review**, Australian National University, Cybercrime Observatory, Canberra

🔗 **Udacity's Data Analyst Nanodegree** co-created by Facebook, MongoDB and Zipfian. Nov. 2015 - Jul. 2016

🔗 Active Member of **Informed.AI** and Chapter Leader - Australia Chapters (**Neurons.AI**) Apr. 2017 - Present

🔗 **Coursera's Machine Learning** course taught by Stanford University's Dr. Andrew Ng. Nov. 2015 - Feb. 2016

🏆 Two-time silver medalist in **Silverzone's International Informatics Olympiad**.

REFERENCES

Available upon request.