

# Anshuman Bhowon

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## Education and Qualifications

University of Surrey 2018 - Present

MSc Information Security

Modules studied: Asymmetric and Symmetric Cryptography, Information Security Management, Information and Network Security, Cloud Computing, Multimedia Security and Digital Forensics, Database Systems, Secure Systems and Applications.

Dissertation topic: Application of Blockchain in Crowdfunding.

Skills gained:

- Identifying, assessing and proposing controls to counter risks to information security in an organisation
- Knowledge of functioning of Cryptographic Schemes
- Understanding of different types of threats and countering them.

University of Mauritius 2012 - 2016

BEng (Hons) Electronic and Communication Engineering, 2:2

Dissertation title: "*Analysis of the Performance of MANETs in Presence of black Hole Attack*", grade obtained: A.

Cisco Systems 2016

Cisco Certified Network Associate (CCNA) in Routing and Switching

Skills gained:

- Understanding of IP addressing, routing and switching concepts
- Configuring routers and switches

Phoenix State Secondary School, Republic of Mauritius

A Levels: Mathematics (A\*), Physics (A), Chemistry (B), French (b), 2010

General Paper (a)

O Levels: Mathematics (A), Additional Mathematics (B), Chemistry (B), 2008

Biology (B), Physics (A), English (A), French (A)

## Employment

Orange Business Services Ltd January 2018 – September 2018

Network Delivery Specialist

- Troubleshooting routing and switching problems
- Ensured proper deployment of routers and switches

The Mauritius Commercial Bank Ltd March 2017 – August 2017

Telecommunications and Network Engineer

- Configuration of Cisco routers, switches and Cisco IP Phones
- Supervising a group of technicians for Layer 1 tasks

Central Informatics Bureau, Government of Mauritius  
Industrial Trainee

June 2015 – July 2015

- Assisted project managers in the organisation of the “Big Data Initiative” workshop held by World Bank Organisation
- Testing of software for the e – work permit plan for expatriates

### **Interests and Positions of Responsibility**

Participated in the Model African Union Summit 2015

- Member of the Ivory Coast delegation
- Proposed and defended solution for a better Africa

Participated in the Model United Nations Conference 2009

- Member of the Hungary delegation
- Debated on issues relating to the agricultural sector

### **Sport**

- Regular participant in football tournament at the University of Mauritius
- Member of the Phoenix State Secondary School football team
- Achieved top rank in cross – country contests
- Avid long - distance runner

### **School Activities**

- Prefect at the Phoenix State Secondary School
- Class Captain at the Phoenix State Secondary School
- Public speaking and debate contests

### **Additional Skills**

IT: C / C ++ programming, MATLAB, Solidity(Ethereum)

Languages: English (written and spoken), French (written and spoken), Hindi (spoken)

### **Publication**

*Mobile Ad Hoc Networks in Presence of Black Hole Attack* by Anshu Prakash Murdan and Anshuman Bhowon, Indonesian Journal of Electrical Engineering and Computer Science, August 2017.

### **References**

Personal Tutor:  
Dr. Mark Manulis,  
Faculty of Engineering  
and Physical Sciences,  
University of Surrey, United Kingdom.  
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Previous Employer:  
Mr. Murugan Cavaree,  
Orange Business Services Ltd,  
Ebene, Republic of Mauritius.

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