

# Manas George

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## OBJECTIVE

Computer Science internship for the summer of 2015 - preferably in information security, cyber forensics, or artificial intelligence.

## EDUCATION

### Georgia Institute of Technology, Atlanta, GA (August 2014 – Present)

- Candidate for Bachelor of Science in Computer Science, expected graduation May 2018

### The Indian High School, Dubai, UAE (April 2012 – April 2014)

Graduated with high honors – Valedictorian, GPA 4.0/4.0

## SKILLS

Concepts:	Algorithms and Data Structures	Cryptography Theory	Version Control (Git)	Basic Machine Learning (Logistic and Linear Regression, Neural Networks)
	Basic Binary Exploitation	Basic XSS	Basic SQL Injection	
Tools:	IDA Pro	Volatility	Burp Suite	Wireshark
	Aircrack-ng	Medusa	GDB	Vim
Languages:	C++ (advanced)	Python (advanced)	Assembly (proficient)	SQL (proficient)
	Java (basic)	Octave (basic)	Haskell (basic)	Bash Scripting (basic)
	English (advanced)	Hindi (proficient)	Malayalam (proficient)	French (basic)

## Activities

**Carnegie Mellon AWAP (Algorithms with a Purpose) AI contest:** Fourth placed team, 2014

**McKesson Big Data Challenge:** Third placed team, 2014

**Microsoft Coding Challenge:** First placed team, 2014

**Rube Goldberg Hackathon:** Won under “Most work for least utility” category, RGH 2014

**Google Code Jam:** Passed qualification round, Code Jam 2014

**Indian National Olympiad in Informatics:** Passed qualification round, INOI 2013

**Hungry Hungry Hackers Capture the Flag:** Placed 11th

**Matasano/Square Microcontroller Capture the Flag:** Participant

**Tata Consultancy Services IT Wiz, Middle East:** First place - 2013, 2012

**Millennium Waxing Eloquent Elocution Competition:** First place and Best Speaker – 2011, 2010

## **EXPERIENCES**

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### **High School Forensics (2013)**

- Finalist (team Bitfield) at the High School Forensics competition held as part of the Computer Security Awareness Week at NYU-Poly New York, 2013.
- I extracted information from a variety of sources (disk images, websites, Android phone images, audio and picture files, etc.) to solve a (fictional) murder mystery.
- I also did steganography detection and analysis, live system forensics, and file signature analysis.

### **Annual Technology Festival Board of Organizers (2013, 2014)**

- I was responsible for coordinating volunteer teams, communicating with the administration and the faculty, organizing a quizbowl, a programming contest, and a seminar on wireless penetration testing.

### **Round Square Community Service Project (2012)**

- I was part of a group of students from India and the United Arab Emirates who were tasked with the construction of latrines and schools for underprivileged children in rural India in 2012.

### **Model United Nations (2010-2013)**

- Participated in the Doon School Model United Nations, India, 2011, The World Expo Model United Nations, Beijing, China, 2010, the United Nations Simulation Conference, Dubai, 2010 and 2013, and the Indian High School Model United Nations 2012, 2013.
- Through MUN, I developed interpersonal and communication skills, a sensitivity for world issues and cultural differences, and an understanding of the policy-making process.