

Hammad Haleem

CONTACT INFORMATION	Room Number 402A, 308 Wan's Lodge Tai Po Tsai Village Clear water Bay, Kowloon, Hong Kong +852-56035921(Mobile)	hammadhaleem@gmail.com Github.com/hammadhaleem
EDUCATION	Hong Kong University of Science and Technology, Hong Kong <i>MSc. Information Technology</i> , 2014–2015 Aggregate GPA: 3.80 Courses taken: Data Mining, Mobile Application development, Computer Networks and High Tech innovation and Entrepreneurship. Research Work Working in the MTrec team, under the guidance of Prof. Gary Chan, developing and designing smart Wi-Fi systems for public places. Jamia Millia Islamia, New Delhi, India <i>B.Tech, Computer Engineering</i> , 2010–2014 Aggregate SPI: 9.36/10 Relevant courses taken: Data Mining, Data Structures, Databases, Operating Systems, Computer Networks, Algorithms, Parallel and Distributed Systems, Object-oriented Programming.	
PROFESSIONAL EXPERIENCE	Research Assistant <i>The Hong Kong University of Science and Technology</i> <i>Research Assistant</i> September 2014–Present Work with truly international team to develop Smart Wi-Fi System for effective reporting and remote management of Wi-Fi systems. Working the HKUST RFID center I work for developing communication system between various Wi-Fi routers. Primarily programming with C and Python. Fedora Project, Google Summer of Code 2014 <i>Google</i> <i>Intern</i> April 2014–August 2014 During my time as an intern I developed a system making virtual classrooms for new fedora contributors. The delivery of content was through video content and screencasts. My duty as an intern was to design and develop the web-application and also the read write API for web application. Apart from this I worked to integrate the web-application with the existing apps from fedora infrastructure. Most of my worked required me write in python language. Software developer <i>National Informatics Center, Government's web services organization</i> <i>Intern</i> May 2013–July 2013 Worked with the project Team of E-Office, an indigenous Web-based office suite for government of India. Developed a JSON API for discussion forum and search. Most of my work involved python as the primary language. Software developer <i>Viraliti, Times Internet Venture</i> <i>Intern</i> Aug 2012–Oct 2012 Viraliti is a TLabs funded advertising network on Pinterest. I worked developing viral marketing tools for social media. I received good exposure during the period with various social media APIs and viral tools.	
RESEARCH INTERESTS AND RECENT PUBLICATIONS	Frequent Pattern based Probabilistic Model for Effective Classification of Web Documents , <i>Accepted for publication, IEEE</i> Improving Classification by Outlier Detection and Removal , <i>Lecture notes for Computer Science, Springer, Accepted for publication</i> Effective probabilistic model for website classification , <i>Lecture notes for Electrical Engineering, Springer, Published</i> A New Chaotic Substitution Box Design for Block Ciphers , <i>International Conference on signal processing and integrated networks, IEEE</i>	

HONORS,
AWARDS,
PARTICIPATIONS

- First Runner Up in the HKUST android design competition.
- First prize at GSF hack India, One of the largest hackathons in India. Organized by GSF and Investopad.
- Second prize at PeerHack. Hackathon organized by Knowlarity communications, a cloud telephony provider.
- Among the top ten in a Facebook application development contest Facebook Hackathon organized in July 2012.
- Avid participant in several competitions
Including the Blackberry application development Hackathon (October 2012), Google Hack Jam (June 2012) and Google Dev Fest Delhi (October 2013).

LEADERSHIP
ROLES

Student- Staff Liaison Committee, Hong Kong University of Science and Technology
Serving member October 2014–Present
Work as an important representative from students to help feedback system more effective for Quality assurance.

Computer Society of India, JMI student chapter
Vice President April 2013–April 2014
Work involves organizing several technical and cultural events throughout the year.

Tangelo, the JMI Annual Festival
Technical Head Sep 2012–Jan 2013
In charge of various technical events and the events' web portal.

TECHNICAL
SKILLS

Programming languages C/C++, Python, PHP, SQL, HTML
Operating systems Windows, Linux, Mac OS
Experience working with MongoDB, PostgreSQL, JAVA, Json, OpenStack, Apache Server Facebook API, Heroku Platform, Latex, Python-flask Framework and Python-Django Framework.
Languages English (IELTS 7.5), Hindi.