"Resources Lists"

➢ **Brief Description:**

- **Computer engineering** in general concerns with hardware architecture and organization to optimize the integration with software in order to enhance the performance of computers and networking to highest possible level. In my graduate study, I will concentrate in networking area particularly network security to deeply study and research techniques and algorithms related to security issues to contribute in generating secure systems.

➢ **Online Database:**

- **IEEE electronic library** has tons of resources related to technological majors; you can find articles related to electrical and computer engineering and electronics. Clearly it is the most efficient resource for those who specialize in computer and electrical engineering.
- **Science Direct Journals** are online database has variety of articles in most common fields I have found many interesting articles related to my field.
- **ACM digital library** offers many articles in computing subjects and it has its own publications. Many reliable and contemporary computing articles can be found in this electronic library.

➢ **Scholarly journals:**

- **IEEE network magazine** provides readers with latest technologies in networking field. The journal is most cited journal in communication field. The journal covers selected areas which are related to networking such as major computer communications issues and developments**.** The journal targets both specialists and non-specialists readers. The online issues can be found at following link: **(** http://dl.comsoc.org/ni/) .

- **Optical communication and networking By IEEE** Focuses on communication patterns especially optical communication. The journal highlights the issues and developments in optical communication. The journal can be found at http://ieeexplore.ieee.org/xpl/RecentIssue.jsp?pu number=4563700 .

- **Network and services management** Covers many subjects that are related to network and management. The topics in this journal are "management models, architectures, Frameworks, Service Provisioning, Reliability, Quality Assurance, management functions, enabling technologies for management, information and communication models, management policies, and management applications and case studies." The journal can be found at http://dl.comsoc.org/tnsm/ .

- **IET information security** Includes two main areas which are information security and cryptography. **The Concentration areas that are covered under information security**

as following "Access Control and Database Security; Ad-Hoc Network Aspects; Anonymity and E-Voting; Authentication; Biometrics; Block Ciphers and Hash Functions; Broadcast Encryption and Traitor Tracing; Combinatorial Aspects; Covert Channels and Information Flow; Critical Infrastructures; Cryptanalysis; Dependability; Digital Rights Management; Digital Signature Schemes; Digital Steganography; Economic Aspects of Information Security; Elliptic Curve Cryptography and Number Theory; Embedded Systems Aspects; Embedded Systems Security and Forensics; Financial Cryptography; Firewall Security; Formal Methods and Security Verification; Human Aspects; Information Warfare and Survivability; Intrusion Detection; Java and XML Security; Key Distribution; Key Management and Secret Sharing; Malware; Multi-Party Computation and Threshold Cryptography; Peer-to-peer Security; PKIs; Public-Key and Hybrid Encryption; Quantum Cryptography; Risks of using Computers; Robust Networks; Secure Electronic Commerce; Software Obfuscation; Stream Ciphers; Trust Models; Watermarking and Fingerprinting.**" The journal can be found at (** http://digital-library.theiet.org/dbt/dbt.jsp?KEY=IISEBB)

- **IET computer and digital techniques journal** is covering hardware side which includes design on chip and embedded system. The journal can be found at (http://digital-library.theiet.org/dbt/dbt.jsp?KEY=ICDTA6)

- **SANS** has a variety of resources online and in events. It has online reading room, in which it offers latest articles and findings in cyber security. It also has online training courses which are taught by professionals in computer security. (http://www.sans.org/)

➢ **Citation resources:**

- IEEE. Information for Authors. [www.**ieee**.org/portal/cms_docs/pubs/transactions/auinfo03.pdf](http://www.ieee.org/portal/cms_docs/pubs/transactions/auinfo03.pdf)
- IEEE.Citation Style Manual. [www.**ieee**.org/portal/cms_docs_iportals/iportals/.../**style**manual.pdf](http://www.ieee.org/portal/cms_docs_iportals/iportals/.../stylemanual.pdf)