# Maimun, S.T., M.T.

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## biodata

| | | |
|---|---|---|
| Full Name | : | Maimun |
| Sex | : | Male |
| Place, DOB | : | Sigli, July 29th 1978 |
| Marital Status | : | Married |
| Religion | : | Islam |
| Nationality | : | Indonesia |
| Language | : | Indonesian, English |

## educations

2016 – 2017
**Master of Science in Electrical Engineering**
Information Security Engineering and Management Program
*a*t School of Electrical Engineering and Informatics
Bandung Institute of Technology
Bandung, Indonesia
*Studied about Cryptography and application, CISM, CISA, CRISC, CSX Fundamental, ISO 27k Series, ISO 31k Series, Computer and Network Security (Firewall, IDS), Cyber Crime, Digital Forensic, Software Security, and Incident Response.*

1996 – 2004
**Bachelor of Engineering in Electrical Engineering**
Computer System Engineering Program
at Faculty of Industrial Technology
Trisakti University
Jakarta, Indonesia
*Studied about Physics, Mathematics, Linear Circuit and Systems, Electrical Measurement, Logic and Digital Circuit, Basic Electronics, Basic Control System, Basic Telecommunication, Computer System Architecture, Database, Network Fundamentals, Microprocessor System, Analog and Digital Electronics, Algorithm and Data Structure, Assembly Language, Operating System, Expert System, Industrial Management, Robotics, Models and Simulation, Human Computer Interface, Artificial Intelligent, and Signal Processing Systems.*

## certifications

2015
**Certified TOEFL ITP**
*Achievement about English Foreign Language*
at IIEF, Jakarta.

2010
**Certified Interconnecting Cisco Networking Devices (ICND)**
*Studied about Network Implementation, Routing, Gateway, ACL, WAN*
at Inixindo, Jakarta.

2007
**Certified Oracle 9i Database Administration Fundamental**
*Studied about basic adminstration of database using Oracle 9i*
at Inixindo, Jakarta.

2002
**Certified Network Administrator**
*Studied about installation such as Novell, Linux, Windows NT/Server, configuring LAN and WAN*
at Binus Center, Jakarta.

## related experiences

Sep 2018 - *now*
**S1 DEGREE PROGRAM of INFORMATICS ENGINEERING**
**at ESA UNGGUL UNIVERSITY**
*as a Professional Lecturer*

Resume:
- As a permanent lecturer in Bachelor degree program of Informatics Engineering
- Responsible for education, research and community service to fulfill Tri Darma Perguruan Tinggi
- Lecturing courses i.e. Discrete Mathematics, Artificial Intelligent, Organization and Management, Basic Development of Software Engineering, Web Programming, Application of Enterprise System, Design Mobile Programming, Cryptography, Information Security, Human and Computer Interaction, Project Management of Software Engineering and Linear Algebra and Matrix.

Jul 2018 – Jul 2021
**D3 DEGREE PROGRAM of TELECOMMUNICATION ENGINEERING**
**at JAKARTA TELKOM ACADEMY**
*as a Guest Lecturer*

Resume:
- As a guest lecturer in Vocational degree program of Telecommunication Engineering
- Responsible for education, research and community service to fulfill Tri Darma Perguruan Tinggi
- Lecturing courses i.e. Big Data, Discrete Mathematics, Mobile Programming Worksbench, Research Methodology, Computer Network, Network Engineering and Multimedia, Computer and Network Security, The Digital Technique.  and Workbench of Electrical Design.

Feb 2018 – Jul 2018
**S1 DEGREE PROGRAM of TELECOMMUNICATION ENGINEERING**
**at TELKOM INSTITUTE OF TECHNOLOGY PURWOKERTO**
*as Professional Lecturer*

Resume:

- As a permanent lecturer in Bachelor degree program of Telecommunication Engineering
- Responsible for education, research and community service to fulfill Tri Darma Perguruan Tinggi
- Handling courses i.e. The Digital Techniques and Research Methodology.
- As team leader for internal research grants with entitled "Implementation of Incident Response Model against Ransomware Attack on Academic Database"
- Member of network research group with specialized in network security
- Involved in network security workshop for Resort Police in Purwokerto City
- Developing the network security course as the new curriculum in 2018/2019
- As team leader in MS Office workshop for kindergarden teacher

July 2009 – March 2012
**PT. NOKIA SIEMENS NETWORKS**
*as OBS Engineer*

Resume:

- Worked in Telkomsel Project, Jakarta, July,2009.
- Acceptance Test Leader, Intelligent Network Converged Charging System – IN CCS 8.1 Project, Jakarta, 2009.
- Rollout Engineer, Rolling Software Update – RSU for Prime Power and  Maramba Platform IN CCS 8.1 Project,  Jakarta, 2010.
- Team Leader, SMC Upgrade, IN CCS 8.1 Project, Jakarta, 2010.
- Acceptance Test Leader, HotPatch MR 25.31 PRIMEPOWER, Jakarta, 2010.
- Coordinator & Team Leader, Rollout HotPatch MR 25.31 PRIMEPOWER/Correction Patch for CCS 8.1, Jakarta , 2010.
- Acceptance Test Leader, HotPatch MR 12.11 MARAMBA, Jakarta, 2010.
- Coordinator & Team Leader, Rollout HotPatch MR12.11 MARAMBA, Jakarta, 2010.
- IN Care Helpdesk Team, Jakarta, September 2010 – February 2011.
- IN Emergency Standby Engineer, Jakarta, Oktober 2010 – February 2011.
- Suppor engineer in 2G OSS, Jakarta, March – October 2011.
- Support engineer in IN-VPN Emergency, Jakarta, November 2011 - February 2012.
- Maintenance Support in IN-VPN and MCX Express, Jakarta, November 2011 - February 2012.
- Rolling Software Update (RSU) from 3G software stack to CCS8.1 on IN Maramba platform and ensuring the system online during update.
- Maintenance and Monitoring Service and Funcionality of IN-VPN 7.5, Mobile Centrex Express 1.0 and also Reporting Tool.

Mar – Oct 2011
**PT. NOKIA SIEMENS NETWORKS**
*as 2G OSS Support Engineer*

Resume :

- 2G Network Change Request Execution using Net Act and MML command, 2012.
- 2G KPI and Network Performance Data Collection, 2012.
- Supporting 2G Network Swap and Modernization Project, 2012.
- Monitoring 2G Network Planning and Optimization Project, 2012.
- Creating, Modifying, and Upgrading 2G Network Database, 2012.
- 2G EDGE Activation and Optimization, 2012.
- Supporting 2G PCU Upgrade, 2012.
- Supporting 2G GboIP Upgrade, 2012.

Sep 2005 – Jun 2009
**PT. DIAN GRAHA ELEKTRIKA**
*as OAM Intelligent Network Engineer*

Resume:

- Joined Telkomsel Project, Jakarta, September, 2005.
- On job training, Performance Monitoring, Reporting and Troubleshooting IN Application software and hardware, Jakarta, 2005.
- Maintenance IN application software and hardware in Sub Region Semarang, 2006 – 2007.
- On site Engineer, Fast response IN failure HW/SW, support SUF and Commissioning, 2006.
- Rollout Engineer, 7th IN Expansion Project, Installation, and Commissioning. 2006.
- Rollout Engineer, Hot Patch Installation for IN Software correction, 2006.
- Rollout Engineer, Upgrade Catalyst, Semarang, 2006.
- Rollout Engineer for Upgrade @vantage Commander Server, Semarang, 2006.
- Acceptance Test Engineer, Disaster Recovery Machine Phase 1, 2007.
- Rollout Engineer, 8th IN Expansion Project, Installation and Commissioning, Banjarmasin, 2007.
- Rollout Engineer, Split Mode Upgrade – SMU, IN CoC Phase 2, Jakarta, 2007.
- Rollout Engineer, System Management Console – SMC, Solaris Upgrade, Ujung Pandang, 2007.
- Rollout Engineer, IN 3G SUF (Software Update Framework), Jakarta, 2008.
- Rollout Engineer, @vantage Commander Server Upgarde, 2008.
- Regression Test Engineer, JST IRBS Synchronization, IN CoC Phase 2 Project, Jakarta, 2008
- Regression Test Leader, IN CCS 8.1 Project, Jakarta, 2009.
- Performing Template Migration in Provider Level of Subscriber into new version.
- Performing Monitoring of IN machine based on memory usage, CPU idle, Load call service, Hardware defect, etc.
- Experience working with IN application Software such as @vantage Commander, Charge@one, Backup Restore Server, Sun Solaris Unix Operating System, System Console Software, SS7/CAMEL, Oracle DB.
- Experience working with IN Platform, such as SUN Fire, PrimePower 250, Prime Power 1500, Prime Station.
- Daily activity worked with Sun Solaris OS command.
- Software commissioning in the IN Charge@once platform until test call finish and also do the acceptence test with customer before ready for service.
- Installation of @vantage Commander server (monitoring server for IN).

- SMC (System Management Console) upgrade from Solaris 8 to Solaris 9.
- Hot Patch installation if any new IN product or software defect.
- Acceptance test of the new features like GPRS online charging, DIAMETER charging, MMS, UCB, etc. on Prepaid, CLS, and CPSL product.
- Analyzing the performance of IN machine based on memory usage, top running application, BHCA, PM graph, etc.
- Supporting log analysis of memory replacement, hard drive replacement, battery module replacement, and other hardware defect on IN machine.
- Regression testing of the new product using Tariff tool, using simulation tool (IPSL) and SMAF GUI before delivery to customer, also troubleshooting and tracing any problem during the test in the platform.

Mar 2005 – Aug 2005
### PT. MASTER SYSTEM INFOTAMA
*as System Engineer*

Resume :
- Computer software and hardware installation and maintenance.
- Computer software and hardware upgrade and modification.
- Computer network integration from server to client.
- Implement computer system integrated with LAN or WAN.
- Understanding basic knowledge of IP, LAN/WAN topology, switches and routers.
- Computer security system installation and maintenance.
- Familiar working with router, switch, server and other networking interfaces.
- Experience working with OS, such as Windows NT/Server 2000, Unix, NAV, SQL Server.

Aug 2004 – Dec 2004
### PT. ABDI BANGUN BUANA
*as Sales Engineer*

Resume :
- Represent ABB Electrical Power Product for Industry and Building Project.
- Understand product knowledge such as MCB, MCCB, ACB, Contactor, Switch, etc.
- Organize team work to reach monthly goal selling.
- Make contact to customers, such as contractors, developers, and panel makers.
- Make sales offer to customers for project inquiry.
- Build a successful partnership with customers to keep our product qualified in project requirement.

## other experiences

Jan 2015 – Jan 2016
### CV. NSK PUTRA MULIA
*as Owner*

Resume:
- Lead and manage tourism, travel and expedition logistic.
- Organize ticketing orders, hotel reservation, tour and event organizer.
- Handling on item delivery for logistic.

Apr 2010 – Des 2015
**PT. HERBALIFE INDONESIA**
*as Distributor*

Resume :

- Distribute and sell the nutrition product.
- Meet clients to advise the wellness and health, and provide food supplement.
- find prospective clients in their homes or roadshow and building a strong customer base.

Dec 2001 – Jan 2003
**PT. ALLIANZ LIFE INDONESIA**
*as Financial Consultant*

Resume :

- Worked with team or individuals to make financial planning, give information and guidance on topics that include investments and insurance policies.
- Met personally to clients to assess their financial problems in order to present a financial plan that includes both short or long-term financial goals.
- Met prospective clients in their homes or businesses and building a strong customer base.

Award:

- Allianz Month, Top Agent, 2002
- Allianz Champions Club, Top Personal Production, 2002
- Allianz Rookie Club, 2002

## courses and workshops

2020    *Cyber Security Law and Regulation,* UI-JICA Training of Trainers Program, Online
2020    *Comptia Pentest+,* UI-JICA Training of Trainers Program UI-JICA, Online
2020    Seminar Virtual tentang Smart Campus, Online.
2020    Business Model Enterprise: An Overview, Model and Concept, Online.
2020    Workshop Deep Learning, Online.
2019    Speaking at Program Pengabdian kepada Masyarakat untuk Pengembangan Kemajuan IPTEKS, Karawang, Jawa Barat.
2017    *Deep Offensive Hacking Workshop*, ISACA Student Group, ITB, Bandung, Jawa Barat.
2017    *Fundamental Digital Forensic Workshop*, ISACA Student Group, ITB, Bandung, Jawa Barat.
2016    *An Open Source Security Platform in Single SoC*, ITB, Jatinangor, Jawa Barat.
2016    *The 4$^{th}$ Security Emergency Response (SER)*, Kemenkominfo, Jakarta.
2016    *The 3$^{rd}$ Security Emergency Response (SER),* Oxford Martin School, Jakarta.
2016    *Cyber Security Capacity*, Kemenkominfo, Jakarta.
2016    *Anti Malware, Protection of Zero Day Exploit and Cyber Security Auditing Series: Patch Management*, ISACA Indonesia, Jakarta.
2016    *Technical Session SIEM Implementation and Audit*, ISACA Indonesia, Jakarta.
2011    *Subscriber Data Management*, NSN Company, Jakarta.
2011    *Getting started NETACT* Configurator OSS5, NSN Company, Jakarta.
2011    *Introducing to NETACT OSS5*, NSN Company, Jakarta.
2011    *Resolve 3.0 Deployment*, NSN Company, Jakarta.
2010    *CISCO Interconect Network Device Part 2*, INIXINDO, Jakarta.
2010    *Importance of IP for NSN*, NSN Company, Jakarta.
2010    *Overview of IP and Ethernet Technology*, NSN Company, Jakarta.
2010    *Market Potential*, NSN Company, Jakarta.
2010    *IP Product and Solutions*, NSN Company, Jakarta.
2010    *Essentials for more secure NSN*, NSN Company, Jakarta.

2010    *The Leadership Code*, NSN Company, Jakarta.
2010    *Unix Shell Scripting Program*, NSN, Jakarta.
2010    *Writing UNIX Shell Programs*, NSN, Jakarta.
2010    *NSN Service Excellence*, NSN, Jakarta.
2009    *CAMEL Phase 3 Signaling Protocol Training*, NSN, Jakarta.
2007    *ORACLE 9i Database Administration Fundamental*, Inixindo, Jakarta.
2006    *CAMEL Signaling Protocol Training*, Siemens, Jakarta.
2006    *Software Update Frameworks – SUF Workshop*, Siemens, Jakarta.
2005    *GSM Introduction Training*, Siemens, Jakarta.
2005    *IN @vantage TAC2 Training*, Siemens, Jakarta.
2004    *AutoCAD 2004*, Autodesk Certification 2D, Jakarta.
2003    *German Language*, Grunde Stufe 1b, Jakarta, Indonesia.
2002    *Programmable Logic Control – PLC Advanced Level*, FESTO, Jakarta.
2002    *Electro Pneumatic Basic Level*, FESTO, Jakarta.

## written articles

2019    *Developing Positive Consequences from Deterrence Control on Anti-Piracy Method*. Journal of Computer Science Esa Unggul, Jakarta.
2017    *The Microphone Array Sensor Attack on Keyboard Acoustic Emanations*, Information Technology Systems and Innovation (ICITSI), Bandung. DOI:10.1109/ICITSI.2017.8267954. E-ISBN: 978-1-5386-3100-3
2017    *Array Sensors Attack on Keyboard Acoustic Emanations*, Master Degree Thesis, Bandung.
2017    *Model Respon Insiden terhadap Serangan Ransomware,* Bandung.
2016    *Audit Sistem Manajemen Mutu dan Keamanan Informasi di Rumah Sakit*, Bandung.
2016    *Perencanaan Sistem Manajemen Mutu dan Keamanan Informasi di Rumah Sakit,* Bandung.
2016    *Manajemen Risiko dan Peluang di Rumah Sakit*, Bandung.
2016    *Analisis Keamanan Blackphone*, Bandung.
2016    *Analisis Keamanan Aplikasi Chat*, Bandung.
2004    *Performance Analysis of Opto-mechanical and Optical Mouse*, Bachelor Final Project, Jakarta.