

“Pa He” begitulah para mahasiswa menyapanya. Gayanya modis dan ceria menjadi ciri khas dan daya tariknya. Dengan gaya dan pemikirannya yang luas itulah yang menjadi daya gebraknya sebagai seorang dosen di program studi Informatika UPJ.

Berbekal hobi dalam berbagi ilmu dikelas sejak masa sekolahnya dan keingintahuan yang mendalam terhadap ilmu komputer, menjadikannya fokus dalam mengejar cita-citanya sebagai dosen yang mempunyai keahlian dalam bidang Mobile dan Web Programming, dan jaringan komputer. Tidak heran dalam berbagai pengajaran, “Pa He” mengajar dengan hati dan mengajarkan ilmu komputer yang mendalam dan siap pakai kepada mahasiswa-mahasiswanya.

Alumnus Universitas Indonesia ini ternyata pernah menjuarai dan mendapatkan pendanaan bisnis pada kegiatan Gerakan Kewirausahaan Nasional (GKM) pada tahun 2013 yang diselenggarakan oleh Kementerian Koperasi dan UKM. Pendanaan yang diberikan, digunakan oleh “Pa He” bersama mahasiswa-mahasiswanya membangun startup dalam bidang IT yang saat ini masih tetap berkibar di Indonesia. Startup yang didirikan oleh “Pa He” dijadikan sebagai ajang latihan mahasiswa untuk terjun langsung ke dunia kerja. Berkat tangan dinginnya, “Pa He” telah menghasilkan berbagai proyek pembangunan perangkat lunak yang telah dipakai diberbagai perusahaan. Bahkan beliau telah menjadi trainer tersertifikasi dalam bidang pemrograman dan jaringan komputer pada Cisco Academy sejak tahun 2008.

Pria kelahiran Jakarta yang mempunyai hobi bernyanyi ini, senantiasa membimbing mahasiswa untuk mengerjakan proyek-proyek IT yang disertai dengan *softskill* yang dibutuhkan. Harapannya adalah apabila lulus nanti para mahasiswa sudah siap kerja bahkan dapat membuka peluang usaha sendiri dibidang konsultan IT. Tidak jarang para lulusan yang dihasilkan oleh beliau saat ini sudah berkibar sebagai konsultan IT baik sebagai pekerja maupun pemilik dari konsultan IT. Baginya mahasiswa merupakan asset yang berharga yang harus dilatih sejak dini baik secara *softskill* maupun *hardskill* demi masa depannya sendiri maupun bagi Indonesia.

ACADEMIC EDUCATION

- 2009 – 2011 : Masters of Information Technology, University of Indonesia, Jakarta Indonesia
- 2000 – 2004 : Informatic Engineering, Mercu Buana University, Jakarta Indonesia
- 1997 – 2000 : SMU Negeri 7, Tangerang Indonesia
- 1994 – 1997 : SMP Nusantara 1, Tangerang Indonesia
- 1988 – 1994 : SD Negeri 1, Jakarta Indonesia

OTHER EDUCATION

- 2002 : Networking Fundamentals, Mercu Buana University, Jakarta Indonesia
- 2008 : Fundamental of Java, Cisco Networking Academy, University of Indonesia

- 2008 : Networking Fundamentals, Cisco Networking Academy, University of Indonesia
- 2008 : Routing Protocols and Concepts, Cisco Networking Academy, University of Indonesia
- 2008 : LAN Switching and Wireless, Cisco Networking Academy, University of Indonesia
- 2008 : Accessing the WAN, Cisco Networking Academy, University of Indonesia
- 2008 : Training Of Trainer Cisco Certified Network Associate Exploration, Cisco Networking Academy, University of Indonesia
- 2015: “Web Administrator & Open Course Ware” Workshop, Universitas Pembangunan Jaya
- 2017: Training of Trainer Java Fundamental, Oracle Academy, Universitas Bina Nusantara
- 2017: Training Of Trainer Cisco Certified Network Associate Routing & Switching, Cisco Networking Academy, Gadjah Mada University

SKILL

Networking

- Design and implement a classless IPv4 addressing scheme for a given network
- Configure, verify, troubleshoot IP Addressing services including Network Address Translation (NAT), DHCP, and DNS
- Configure, verify, troubleshoot routing protocols RIP, EIGRP and load balancing with EIGRP, OSPF Single Area and Multi Area on Cisco Router
- Configure, verify, troubleshoot Access Control List on Cisco Router
- Configure and verify basic WAN serial connections including serial, point to point, and frame relay
- Configure, verify, troubleshoot VLANs, trunking on Cisco Switches, InterVLAN routing, VTP, RSTP
- Configure, verify, troubleshoot wireless Router
- Configure, verify, and troubleshoot Network Both wired and wireless LAN on Mikrotik Router
- Computer assembling and maintenance
- Troubleshooting hardware and software problems
- Well understanding of Bridging and switching concepts and LAN technologies
- Good understanding of OSI Model, TCP/IP protocol suite (IP, ARP, ICMP, TCP, UDP, SMTP, FTP, TFTP)
- Basic knowledge of Multi-Protocol Label Switching (MPLS), Voice over IP (VoIP), Firewall PIX, Cisco Call Manager and routing protocol BGP
- Basic knowledge of Openflow
- Back-up and restore of all critical resources including router IOS, Outlook , System State data
- Good knowledge of wan solution, protocol HDLC,PPP,FRAME RELAY, and ISDN
- Redesign customers office copper and fiber cable plant for scalability
- Operate FTP SSH Samba Server in Linux Environment

Programming

- Deep knowledge of programming languages such as PASCAL, Visual Basic, Visual Basic .NET, C++, C#, Java, PHP, HTML, CSS, and CSS3

- Good Knowledge of programming languages such as Delphi, Javascript, XML, and Python
- Deep knowledge of database engine like MySQL, PostgreSQL, Ms SQL Server
- Basic knowledge of database engine like Oracle
- Deep knowledge of Android Programming
- Deep knowledge of codeigniter (php framework)

System Analyst and Project Management

- Deep knowledge of Flowchart, and UML
- Skilled at team building and development
- Knowledgeable in project management and planning for complete project lifecycle

Lecturer

- Lecturer in computer programming languages subjects
- Lecturer in computer networking subjects
- Lecturer in database design and implementation subjects
- Lecturer in Entrepreneurs subjects

PROJECT DEVELOPMENT

- 2003, PT. Proton Gumilang : Design and Development of Inventory Application
- 2003, Insan Kahfi Bookstore : Design and Development of POS Application
- 2003, Mercu Buana University : Design and Development of Website using PHP, MySQL, Javascript
- 2004, Mercu Buana University : Prototype Ping Pong Game using Python Language
- 2005, STTI NIIT I-Tech : Company Profiles STTI NIIT I-Tech using Macromedia Flash
- 2005, Dimensi Furniture Store : Company Profiles Dimensi Furniture Store using Macromedia Flash
- 2006, STTI NIIT I-Tech : *Design and Development of Website I-tech.ac.id*
- 2006, Swarantika Multimedia : Design and Development of LAN Infrastructure
- 2006, Birohukum PU : Design and Development of Website birohukum.pu.go.id
- 2008, STTI NIIT I-Tech : Development of computer-based wired networks and wireless
- 2008, STTI NIIT I-Tech : Design and Development of Online Exam Application Using PHP, Mysql, JQuery
- 2011, Konsultan Pendidikan Perguruan Tinggi : Design and Development of Website kp2t.com
- 2011, PT. Jamsostek, tbk : e-procurement Applications Development using PHP Framework
- 2012, STTI NIIT I-Tech : Development of Web Server, mail server, and dns server
- 2012, STTI NIIT I-Tech : Design and Development e-campus
- 2012, Furniseti : Design and Development of Website furniseti.com
- 2012, Peluang Belanja : Design and Development of Website peluangbelanja.com
- 2012, Wyndra Associate : Design and Development of website wyndra-associate.com
- 2013, Depok Hosting : Development of Web Server, Mail Server, Dns Server, FTP Server, and Control Panel with Cpanel.
- 2013, Depok Hosting : Development of VPS Server
- 2013, Lembaga Pendidikan Nasional 1, Design and Development of website nasional1.com

- 2013, Tour and Travel : Design and Development of website trisna-tidung.com
- 2013, Depok Hosting : Design and Development of “Sistem Administrasi Sekolah” using php, mysql
- 2014, PT. Adhi Persada Beton : Design and Development of Website adhipersadabeton.co.id & Development of Web Server, mail server, and dns server
- 2014, Portal Berita Depok : Desain and Development of depokplus.com
- 2014, PT. Mitra Karya Japindo: e-Commerce <http://xsmlfashion.com> & Development of Web Server, mail server, and dns server
- 2014, PT. UMKM: Development of Web Server, mail server, and dns server
- 2014, Fatfitmag.co.id: Development of Web Server, mail server, and dns server
- 2016, Prodi Teknik Sipil Universitas Pembangunan Jaya: Aplikasi Mobile Conbeam 1

PUBLICATIONS AND JOURNAL

- “Application To Identify Nodes On The Network”, *JI-Tech – STTI NIIT I-Tech*, Vol. 8 no. 1, January 2012, pp 31-35
 - “Application To Help Monitor Data Packets On A Computer Network”, *JI-Tech – STTI NIIT I-Tech*, Vol. 7 no.3, September 2011, pp 21- 30
 - “Integration Wifi Authentication System By Using An Account At STTI NIIT I-Tech Based Single Sign-On Authentication”, *JI-Tech – STTI NIIT I-Tech*, Vol. 6 no.3 September 2010, pp 59-67
 - “The Application Of Brute Force Algorithm On Lexical Analysis Application For Indonesian”, *JI-Tech – STTI NIIT I-Tech*, Vol. 8 no.2, May 2012, pp 34-46
 - “Development Application Tracking WAP-Based Delivery Systems”, *JI-Tech – STTI NIIT I-Tech*, Vol. 7 no.1, January 2011, pp 12-16
 - “Design And Implementation Of Applications Sms Analyzer To Update Traffic Information”, *JI-Tech – STTI NIIT I-Tech*, Vol. 7 no.1, January 2011, pp 32 - 37
 - “Applications Using Squid Proxy Server for internet access control at STTI NIIT”, *JI-Tech – STTI NIIT I-Tech*, Vol. 6 no.2, May 2010, pp 13-19
 - “Application Of The Balanced Scorecard System To Help Measure The Performance Of Employees In The Engineering College Xyz”, *JI-Tech – STTI NIIT I-Tech*, Vol. 6 no.2, May 2010, pp 51 - 67
 - “Restaurant Information Systems (Case Study: RM. Pondok Laras)”, *JI-Tech – STTI NIIT I-Tech*, Vol. 5 no.3, September 2009, pp 40-48
 - “Insertion of Text Messaging Application for insertion of text messages in the Digital Image Method Using Sgnificant Bit (Steganography)”, *JI-Tech – STTI NIIT I-Tech*, Vol. 5 no.2, May 2009, pp 15-20
 - “Implementation Of Breadth-First Transversal Algorithms And Modeling Finite State Automata On Application Logic Game”, *JI-Tech – STTI NIIT I-Tech*, Vol. 5 no.2, May 2009, pp 10-19
 - “Application of 6A05G Power Diodes in a Simple Yet Effective Voltage Adapter Module for Electric Cars”, *Proceeding of The 7th Indonesia-Japan Joint Scientific Symposium (IJSS)*, Chiba Univ. Japan, November 2016
 - “Sistem Penentu Program Studi Secara Online”, *Prosiding Semnastek 2017, Fak. Teknik UMJ*, November 2017
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CERTIFICATIONS

- Cisco CCNA Exploration : Network Fundamental
- Cisco CCNA Exploration : Routing Protocols and Concepts
- Cisco CCNA Exploration : LAN Swiching and Wireless
- Cisco CCNA Exploration : Accessing the WAN
- Cisco CCNA Routing & Switching
- Cisco CCNA (Cisco Certified Network Associate)
- Cisco CCAI (Cisco Certified Academy Instructor)
- Cisco Fundamental of Java Programming
- Microsoft Technology Associate (MTA) Software Development Fundamental C#
- Microsoft Technology Associate (MTA) Networking Fundamental
- Sertifikat Dosen Indonesia