

Hariandi Maulid

✉ hariandimaulid@tass.telkomuniversity.ac.id <https://hmaulid.staff.telkomuniversity.ac.id/>

INTERESTS	Network Security, Ubiquitous Computing, Software Engineering, IoT, Soft Computing.
ACADEMIC POSITION	Senior Lecturer Starting Jan 2015 Department of Software Engineering, School of Applied Sciences, Telkom University , Indonesia
EDUCATION	University of Bristol 2010 - 2011 M.Sc in Advanced Computing Internet Technology with Security Thesis: Denial of Service Prediction with Fuzzy Logic and Intention Specification Advisor: Theo Tryfonas
	STMIK JABAR (School of Information Technology) 1998 - 2003 Bachelor of Engineering in Informatics Undergraduate Thesis: Application Design of Agendaku.com website using PHP 4.0 Advisor: Dr. Chairuddin, Ir., M.T.
ACADEMIC EMPLOYMENT	School of Applied Science, Telkom University Aug 2015 – Feb 2020 <i>Head of Programming and Interactive Multimedia Research Group</i>
	Department of Informatics/Software Engineering, School of Applied Science, Telkom University Jan 2015 - present <i>Senior Lecturer</i>
	Department of Informatics Engineering, Politeknik Pos Indonesia April 2013 - Dec 2014 <i>Head of Department</i>
	Department of Informatics Engineering, Politeknik Pos Indonesia Sep 2008 - June 2010 <i>Secretary of Department</i>
	Politeknik Pos Indonesia, Nov 2006 - March 2007 <i>Deputy of Academic Quality Assurance and Audit Unit</i>
	Department of Informatics Engineering, Politeknik Pos Indonesia Jan 2005 - Dec 2014 <i>Lecturer</i>

AWARDS

- Best Participant** Jul 2020
Awarded by Huawei Indonesia on the Huawei Artificial Intelligence Technology Overview Training
- Research Grant Recipient** 2017-2018
Granted by the Ministry of Research, Technology and Higher Education of the Republic of Indonesia for the project entitled: Design and Implementation of Collaborative Systems for Jum'a Preacher Scheduling.
- Honors Merit** 2011
Awarded for Dissertation entitled: Denial of service Prediction with Fuzzy Logic and Intention Specification.
- Scholarship Awardee** 2010-2011
Awarded by Ministry of Communication of Informatics of the Republic of Indonesia for pursuing overseas Master Degree.
- Best Poster Presentation** 2009
Awarded for research poster entitled: The Implementation of Operating System Virtualization in Computer Laboratory to Improve Teaching and Learning Quality. Presented at the Seminar for Young Researcher in Kopertis Wilayah IV, Bandung, Indonesia. Research Grant from the Directorate General of Higher Education.
- Outstanding Teaching Award** 2006
Politeknik Pos Indonesia
- Best Undergraduate Student** 2003
Awarded by STMIK JABAR at the Graduation Ceremonial.
- Honour Cum laude/Distinction** 2003
Awarded for Bachelor Thesis entitled: Application Design of Agendaku.com Website Using PHP 4.0.
- Scholarship Awardee** 1999-2002
Awarded by the coordination Office for Private Higher Education Region IV, Directorate General of Higher Education, the Republic of Indonesia.

PUBLICATIONS

1. **H. Maulid**, W. Nurhidayat, S. J. Priyono, (2020). [SafeDri: A mobile-based application for safety driving](#). *IOP Conf. Ser.: Mater. Sci. Eng.* **850** 012003.
2. **H. Maulid**, I. Azimi, A. H. Fauzi, P. Sukarno (2019). [Collaborative system for Friday preacher scheduling: an overview on two years of implementation](#). *International Journal of Applied Information Technology (IJAIT)*, Vol 3, No 1, 2019, pp 24-33.
3. **H. Maulid**, I. Azimi, T. Brotoharsono (2018). [Pengelolaan administrasi sumur artesis Komplek G-Land Ciganitri Residence dengan aplikasi water distribution management system berbasis Android](#). **English:** [Android-based water distribution management system for artesian wells](#)

- administration at G-Land Ciganitri Residence. In proceeding of *National Conference for Community Service*, Universitas Pembangunan Nasional Veteran, Jakarta, Indonesia.
4. **H. Maulid**, I. Azimi, A. H. Fauzi (2018). [ICT and Mosques: The study of the need of ICT implementation in mosques in Bandung Regency](#). In proceeding of the *2nd International Symposium/Conference on Islamic Epistemology*, Al-Azhar University, Jakarta, Indonesia.
 5. **H. Maulid**, I. Azimi, A. H. Fauzi (2018). [User-Centered Design based collaborative system for Jum'a Preacher Scheduling](#). *International Journal on Islamic Applications in Computer Science and Technology (IJASAT)*, vol. 6, no. 1, pp. 23-33.
 6. **H. Maulid**, (2016). [Context-aware mobile application with proxemic: Design discussion](#). In Proceeding of *Seminar on Information Technology and Multimedia (Semnasteknomedia 2016)*, STMIK AMIKOM, Jogjakarta, Indonesia, pp. 19-23.
 7. **H. Maulid**, (2015). [The implementation of Blind Signature in Digital Cash](#). *Jurnal Teknologi Informasi*, vol. 1, no. 10, pp. 29-37.
 8. M. N. Fauzan, D. Hamidin, **H. Maulid**, (2015). [Perancangan Aplikasi Augmented Reality sebagai Media Pembelajaran Alternatif Sekolah Dasar](#). **English: The Augmented Reality Application for Alternatif Learning Media in Elementary School**. *Jurnal Teknologika*, vol. 5, no. 1, pp. 21-26.
 9. **H. Maulid**, (2014). [UDRP: The best way to solve domain dispute?](#). *Competitive Scientific Magazine*, vol. 9, no. 1, pp. 17-22.
 10. **H. Maulid**, (2012). [Denial of Service prediction with fuzzy logic and intention specification](#). In proceeding of *Conference on Information Technology and Electrical Engineering (CITEE 2012)*, Jogjakarta, vol. 9, no. 1, pp. 17-22.
 11. E. D. Pratiwi, Supriady, **H. Maulid**, (2011). [Aplikasi Manajemen Absensi untuk Realisasi Penggajian Pegawai](#). **English: Attendance Management System for Payrol Realization**. *Jurnal Teknik Informatika*, Politeknik Pos Indonesia, vol. 3, no. 2.
 12. **H. Maulid**, (2010). [Implementasi Virtualisasi Sistem Operasi dengan Virtual Machine pada Laboratorium Komputer untuk Peningkatan Kualitas Pendidikan dan Pengajaran](#). **English: The Implementation of Operating Systems Virtualization in Computer Lab to Improve Teaching and Learning Quality**. In Proceeding of *National Conference on Information Technology and Its Applications (Seminar Nasional Teknologi Informasi dan Aplikasinya (SeNTIA))*, Politeknik Negeri Malang, pp. F40-F45, 11-12 March 2020.
 13. R. Hanum, **H. Maulid**, (2010). [DHL Supply Chain Indonesia order tracking system version 2.00](#). *Jurnal Teknik Informatika*, Politeknik Pos Indonesia, vol. 2, no. 2.
 14. A. Rahman, **H. Maulid**, (2009). [Implementasi Keamanan Internet Banking dengan SMS NetCode](#). **English: The Implementation of Internet Banking Security with SMS NetCode**. *Jurnal Teknik Informatika*, Politeknik Pos Indonesia, vol. 1, no. 2, pp. 37-47.
 15. **H. Maulid**, (2009). [Web-Based Service Monitoring System on SMS Server](#). *Jurnal Teknik Informatika*, Politeknik Pos Indonesia, vol. 1, no. 2, April 2009.
 16. **H. Maulid**, (2009). [Implementasi Digital Signature pada Kartu Tanda Penduduk Online](#). **English: Digital Signature Implementation on the**

Online National Identity Card Application. *Jurnal Teknik Informatika*, Politeknik Pos Indonesia, vol. 1, no. 2, April 2009.

17. **H. Maulid**, (2007). *Teknik Soft-Computing di area logika fuzzy*. **English:** *Soft-Computing technique in fuzzy logic area*. *Competitive Scientific Magazine*, vol 3, no 2.

INVITED TALKS

How to become a competitive student? Oct 2018
Onion Shining for freshers students, Informatics Student Union,
Telkom University

Future Work Skills 2025 Aug 2020
Application Software Engineering Webinar Series

Offensive Cybersecurity Oct 2020
Basic Training Onion Brave 2020, Informatics Student Union,
Telkom University

TEACHING EXPERIENCES

Instructor, Telkom University 2015-present
Computer Networks, Computer Architectures, Network Programming with
Python, Operating Systems, Mobile Programming, Web Programming, ICT
Literacy, IT Project Management.

Guest Lecturer, STMIK Jabar 2013-2014
Java Programming, Mobile Programming.

Guest Lecturer, LPKIA 2013
Information Systems: Analysis and Design.

Instructor, Politeknik Pos Indonesia 2005-2014
Computer Architecture, Assembler Programming, Computer Networks,
Network Security, Operating Systems, Java Programming.

COPYRIGHTS

Keyless Door System: Aplikasi Gawai Kunci Rumah Otomatis berbasis IoT (2017) (IoT-based Keyless Door System).
Registration Number: C00201703139. Copyright No: HKI: 088345.

Mo-Machine: Aplikasi untuk Monitoring Mesin Packaging (2017) (Packaging Machine Monitoring based on Internet of Things).
Registration Number: C00201703144. Copyright Number: HKI: 088347

Aplikasi Pembelajaran Organ Vital dan Tulang pada Rangka Tubuh Manusia menggunakan Augmented Reality (2017).
Registration Number: C00201703515. Copyright No: HKI: 088499.

Smart-Watering: Pengatur penyiraman air untuk tanaman sayuran pada Greenhouse (2017) (IoT based smart watering).
Registration Number: C00201704141. Copyright No: HKI:089319.

Aplikasi Kebun Binatang Interaktif menggunakan perangkat nirsentuh Leap Motion bagi penyandang tunadaksa (2017).

Registration Number: C00201705619. Copyrigh No: HKI:--.

Aplikasi Android berbasis Lokasi mengenai Kuliner Medan "Hello Medan" (2017).

Registration Number: C00201703516. Copyrigh No: HKI: 088500.

Aplikasi Pemesanan Makanan berbasis Android "Jajan Yuk!" (2017).

Registration Number: C00201703511. Copyrigh No: HKI:--.

Aplikasi Pengenalan Landmark Provinsi Indonesia berbasis Augmented Reality "Lindar". (2017).

Registration Number: C00201703514. Copyrigh No: HKI: 088498.

Aplikasi Penghubung Layanan Masyarakat di Kota Bandung berdasarkan Lokasi Pengguna pada Platform Android "Apple Mask" (2017).

Registration Number: C00201705104. Copyrigh No: HKI:--.

Real Apps Aplikasi berbasis Media Sosial pada Android dengan Virtual Reality 360 (2018).

Registration Number: EC00201857652. Copyrigh No: HKI:000127410.

SEMEN (Sundanese Instrument): Aplikasi Pengenalan alat musik tradisional sunda berbasis Augmented Reality (2018).

Registration Number: EC00201857661. Copyrigh No: HKI:000127411.

Nurse Simulation – Simulasi Virtual mencari petunjuk ruangan untuk pasien berbasis Virtual Reality (2018).

Registration Number: EC00201858454. Copyrigh No: HKI:000127941.

Maskendro Application – RFID-based Attendance Management Systems (2019).

Registration Number: EC00201973930. Copyrigh No: HKI: 000157073.

Aplikasi Campus Information – QR-Code - based Campus Information Systems (2019).

Registration Number: EC00201973929,. Copyrigh No: HKI: 000157072.

SafeDri – A Mobile-based application for safety driving (2020).

Registration Number: EC00202002433. Copyrigh No: HKI: 000175853.

iBun – A Mobile-based application for health notofocation during pregnancy (2020).

Registration Number: EC00202027329. Copyrigh No: HKI: 000198410.