

CURRICULUM VITAE

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Education:

Table 1. Education.

No	University	City & Country	Year of Graduation	Research Study
1	Universitas Gadjah Mada	Yogyakarta, Indonesia	1995	B.Sc. in Electrical Engineering
2	Universitas Gadjah Mada	Yogyakarta, Indonesia	1998	M.Eng. in Electrical Engineering
3	Doshisha University	Kyoto, Jepang	2001	M.Eng. in Electrical Engineering

4	Universiti Teknologi Petronas	Perak, Malaysia	2010	Ph.D. in Computer Science
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Developed products:

Table 2. Developed products and partner industries (*link and match*):

No	Produk	Industries	User	Values (Rp)
1	Media Social Apps	PT SIMS	Customer	In progress
2	Content Filtering	PT SIMS	Ministry of Communication	1,1 B
3	Machine Translation	Japio Japan	Japanese Government	17 M
4	Big Data	SixCap Singapore	TransJakarta	110 M
5	Sentiment Analysis	GamaTechno	Province of DIY	On progress
6	Tour Guide Application	Industry	Province of Aceh	150 M x 3 yr

Publications:

Table 3. Recent publications.

No	Research Title	Year
1	Multiple layer data hiding scheme based on difference expansion of quad, Signal Processing, pp. 52-62 (SCOPUS)	2017
2	Perbandingan Performa Relational, Document-Oriented Dan Graph Database Pada Struktur Data Directed Acyclic Graph (DAG), Seminar Nasional Teknologi Informasi dan Komunikasi 2017 (SENTIKA 2017), Yogyakarta, 17-18 Maret 2017	2017
3	Combination schemes Reversible Data Hiding for medical images, Proceedings - 2016 2nd International Conference on Science and Technology-Computer, ICST 2016 (SCOPUS)	2016

4	Evaluasi Metode Load Balancing Menggunakan Haproxy Dengan Variasi Algoritma Penjadwalan Pada Sistem Server Chat Social Network, Prosiding Seminar Nasional Teknologi Terapan SV UGM 2016, pp. 635-639	2016
5	Kinerja Metode Load Balancing dan Fault Tolerance Pada Server Aplikasi Chat, Prosiding Seminar Nasional XI "Rekayasa Teknologi Industri dan Informasi, 2016, Sekolah Tinggi Teknologi Nasional Yogyakarta, pp. 119 -125	2016
6	Semi-supervised learning approach for Indonesian Named Entity Recognition (NER) using co-training algorithm, Proceeding - 2016 International Seminar on Intelligent Technology and Its Application, ISITIA 2016: Recent Trends in Intelligent Computational Technologies for Sustainable Energy, pp. 7-12 (SCOPUS)	2016
7	Smartway: A predictive model for traffic management decision, Proceedings of 2016 8th International Conference on Information Technology and Electrical Engineering: Empowering Technology for Better Future, ICITEE 2016 (SCOPUS)	2016
8	A review of chaff point generation methods for fuzzy vault scheme, Proceedings - 2016 1st International Conference on Information Technology, Information Systems and Electrical Engineering, ICITISEE 2016 (SCOPUS)	2016
9	Modified relevance frequency feature weighting for email spam classification, AIP Conference Proceedings (SCOPUS)	2016
10	Work in progress: Application of unsupervised learning method toward student's metacognition assessment, IEEE Global Engineering Education Conference, EDUCON 10-13-April-2016,7474704, pp. 1175-1178 (SCOPUS)	2016
11	Comparison analysis of data mining methodology and student performance improvement influence factors in small data set, Proceedings - 2015 International Conference on Science in Information Technology: Big Data Spectrum for Future Information Economy, ICSITech 2015, pp. 169-174 (SCOPUS)	2015
12	Recurrent neural network language model for English-Indonesian Machine Translation: Experimental study, Proceedings - 2015 International Conference on Science in Information Technology: Big Data Spectrum for Future Information Economy, ICSITech 2015, pp. 132-136 (SCOPUS)	2015
13	Adult image classifiers based on face detection using Viola-Jones method, Proceeding of 2015 1st International Conference on Wireless and Telematics, ICWT 2015 (SCOPUS)	2015

14	Negative content filtering for video application, Proceedings - 2015 7th International Conference on Information Technology and Electrical Engineering: Envisioning the Trend of Computer, Information and Engineering, ICITEE 2015, pp. 55-60 (SCOPUS)	2015
15	Analytical incremental learning: Fast constructive learning method for neural network, Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), pp. 259-268 (SCOPUS)	2015
16	A comparative study on signature recognition, 1st International Conference on Information Technology, Computer, and Electrical Engineering: Green Technology and Its Applications for a Better Future, ICITACEE 2014, pp. 167-171 (SCOPUS)	2014
17	The Comparison of distance-based similarity measure to detection of plagiarism in Indonesian text, Communications in Computer and Information Science, pp. 155-164 (SCOPUS)	2014