

# Hendra Bunyamin

---

CONTACT INFORMATION	Grha Widya Maranatha Building, 8th Floor Faculty of Information Technology Maranatha Christian University Bandung 40164, Jawa Barat Indonesia	<i>Voice:</i> +62 898 6814 898 <i>Fax:</i> +62 22 2005915 <i>E-mail-1:</i> hendra.bunyamin@gmail.com <i>Email-2:</i> hendra.bunyamin@it.maranatha.edu <i>WWW:</i> it.maranatha.edu/resume/hendra-bunyamin
RESEARCH INTERESTS	Applied Machine Learning, Deep Learning and Natural Language Processing.	
EDUCATION	<b>Bandung Institute of Technology (ITB)</b> , Bandung, West Java, Indonesia M.T., Master of Software Engineering, August 2002 (date of graduation: May 5, 2005) <ul style="list-style-type: none"><li>• Thesis Title: “Information Retrieval System using Latent Semantic Indexing Method”</li><li>• Advisor: Rila Mandala</li></ul> S.Si., Bachelor of Mathematics, August 1995 (date of graduation: October 1, 1999) <ul style="list-style-type: none"><li>• Final Project Title: “Spatial Model Prediction”</li><li>• Advisor: Sutawanir Darwis</li></ul>	
HONORS AND AWARDS	<b>Bandung Institute of Technology:</b> graduated Cum Laude, Honors in Mathematics, 1999 <b>Maranatha Christian University:</b> Best Motivator in Bachelor Program in Informatics Engineering, 2005 <b>Maranatha Christian University:</b> Best Lecturer in Bachelor Program in Informatics Engineering, 2008 <b>Maranatha Christian University:</b> Best Lecturer in Bachelor Program in Informatics Engineering, 2010	
ACADEMIC EXPERIENCE	<b>Maranatha Christian University</b> , Bandung, Indonesia <i>Lecturer</i> <b>February, 2002 - present</b> Teach <b>Linear Algebra</b> with main reference: Larson, R. (2016). <i>Elementary Linear Algebra 8th Edition</i> . Teach <b>Discrete Mathematics</b> with main reference: Epp, S. S. (2011). <i>Discrete Mathematics with Applications 4th Edition</i> . Teach <b>Logics</b> with main reference: Gensler, H. J. (2010). <i>Introduction to Logic Second Edition</i> . Teach <b>Object-oriented Programming</b> with main reference: Reges, S. and Stepp, M. (2014). <i>Building Java Programs: a Back to Basics Approach Third Edition</i> . Teach <b>Machine Learning</b> with main reference: Ng, A. Y. <i>Stanford Online Machine Learning</i> . Provided by www.coursera.org	
PUBLICATIONS	Bunyamin, H., Heriyanto, S. Novianti, and L. Sulistiani. <i>Topic Clustering and Classification on Final Project Reports: a Comparison of Traditional and Modern Approaches</i> . IAENG International Journal of Computer Science, vol. 46, no. 3, pp 506-511, 2019  Pangestu, M.A., H. Bunyamin. 2018. <i>Analisis performa dan pengembangan sistem deteksi ras anjing pada gambar dengan menggunakan pre-trained CNN model</i> . Jurnal Teknik Informatika dan Sistem Informasi  Meyliana, H. Bunyamin, and L. Agustina. 2018. <i>The relationship between country risk and company performance in Southeast Asia</i> . Journal of Business and Retail Management Research, 12(3)	

Bunyamin, H., T. Tunys. 2016. *A comparison of retweet prediction approaches: the superiority of random forest learning method*. *Telkomnika* 14:1052-1058

Bunyamin, H. 2008. *Aplikasi Information Retrieval (IR) CATA dengan Metode Generalized Vector Space Model*. *Maranatha Informatics Journal*

CONFERENCE  
PRESENTATIONS

Kartawihardja, D.S., H. Bunyamin. 2018. *Pemanfaatan Inverted Index pada Proses Penelusuran Kesamaan Isi File Dokumen PDF Tugas Akhir Mahasiswa*. Seminar Nasional Teknologi Informasi dan Komunikasi (SENTIKA) 2018, pp 356-365.

Bunyamin, H., L. Sulistiani. 2017. *Automatic topic clustering using latent dirichlet allocation with skip-gram model on final project abstracts*. 21st International Computer Science and Engineering Conference, Bangkok, Thailand, November, 2017.

Bunyamin, H., T. Kandaga, D.T. Yulianti. 2013. *Sentiment classification using machine learning techniques: Naïve-Bayes and Support Vector Machines methods (Case study: imdb.com movie reviews)*. Seminar Teknologi Informasi dan Sistem Informasi 2013.

PROFESSIONAL  
EXPERIENCE

*Secretary of Informatics Engineering*

**June, 2005 - May, 2008**

Carried out administration tasks for Informatics Engineering, including scheduling and managing students.

COMPUTER SKILLS

- Statistical Packages: R
- Languages: Python, Java, some use of Unix shell scripts
- Applications:  $\text{\LaTeX}$ , Jupyter notebook
- Operating Systems: Ubuntu, Windows.

MOOC COURSES

- Deep Learning Nanodegree **April 2018**  
Provided by Udacity (certificate).
- Natural Language Processing **July 2018**  
Provided by Higher School of Economics, National Research University (certificate).
- Machine Learning **November 2018**  
Provided by Stanford Online (certificate).
- Coursera Mentor Community and Training Course **January 2019**  
Provided by Coursera (certificate).
- Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning **May 2019**  
Provided by Deeplearning.ai (certificate).
- Probabilistic Graphical Models 1: Representation **September 2019**  
Provided by Stanford Online (certificate).