

Aditya Fikri Ghozali

Bachelor of Science at Institut Teknologi Bandung (ITB)

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Summary

A Resourceful and detail-oriented individual, Skilled problem-solver and multi-tasker. Highly respect to honesty and kindness. Passionate in exploring new things about the earth and recent technology. Always seek an opportunity to work and upgrade oneself, as well as being involved in an organization that believes in gaining a competitive edge and giving back to the community.

Education

Undergraduate Degree in Geodesy and Geomatic Engineering

Aug 2011 - Apr 2016

Bandung Institute of Technology

With GPA 3.04 of 4.0

Undergraduate Theses entitled "Deformation Analysis of Lokon Volcano Based on Continuous GPS Data in 2009-2014"

Subjects taken : Construction Survey, Geographic Information System, GNSS Surveys, Hydrographic Surveys, Remote Sensing, Photogrammetry, Land Administration and Cadastral, etc

Professional Experiences

GPS Engineer, Padang

Jul 2016 - Aug 2016

[LAPI ITB and Badan Informasi Geospasial \(BIG\)](#)

Responsible for settings and preparing high-precision differential GPS to be used in Hydrographic Surveys (Coastline delineation, Single-beam sounding, and Multi-beam sounding) as the part of Development of ocean shipping lanes toll in Indonesia.

Terrestrials Surveyor (Internship), Denpasar

Jul 2014 - Aug 2014

[Badan Pertanahan Nasional, Kantor Pertanahan Kota Denpasar](#)

Conducting daily terrestrial survey to assist and collecting daily cadastral data of public land ownership in Denpasar city.

Social Field Surveyor, Kab.Karo

Jun 2015 - Jun 2015

[United Nation Development Program \(UNDP\), Badan Nasional Penanggulangan Bencana \(BNPB\)](#)

Collecting data of locals capacity and disaster awareness as a preparation in the making of disaster risk map of Sinabung Volcano.

GPS Surveyor, Bandung

Aug 2015 - Aug 2015

[Australian Agency for International Development \(AusAID\) and Lembaga Penelitian dan Pengabdian kepada Masyarakat Institut Teknologi Bandung \(LPPM-ITB\)](#)

Geodetic Survey conducted to monitor deformation of Lembang Fault as a part of Active Research and Education To Support Earthquake Hazard Assessment in Indonesia.






GPS Surveyor, Sukabumi

Nov 2015 - Dec 2015

[Center of Volcanology and Geological Hazard Mitigation \(CVGHM\)](#)

Conducting Deformation Survey using Geodetic GPS as a part of Research for correlation between volcanic and tectonic activity in Sukabumi -West Java

Skills

GIS software and data analysis (ArcGIS, QGIS)	 Spatial data analysis using various GIS software (ArcGIS, QGIS, Global Mapper, GMT (Generic Mapping Tools)). Advanced in visualization.
Terrestrial Surveying	 Capable in operating various instrumentation (Total Station, Automatic Level, Geodetic GPS)
GPS Data Processing	 Process GPS Data using Scientific software (GAMIT and Bernese)
Microsoft Office	 Advanced user of Ms. Office package (Word, Excel, Powerpoint, Visio)
Adobe	 Able to conduct multimedia work (photo and video editing) using Adobe software (Photoshop, Lightroom, Premiere)

Organization Experience

Member of Ikatan Mahasiswa Geodesi (IMG-ITB) 2011 - 2015

Contributions:

- Back-up Division, IMG Students Orientation (PPAB-IMG) (November 2013)
- Head of Documentation and Publication Division, Wisuda Juli IMG (July 2013)
- Logistic Staff, Wisuda Oktober IMG (October 2013)
- Field Division, IMG Students Orientation (PPAB-IMG) (November 2014)

Member of Hockey Sports Activity Units (SKORHOKI-ITB) 2012 - 2016

Contributions and achievements:

- Liaison Officer of IHRPT 26 Indoor Hockey Competition (October 2011)
- Logistic Staff of IHRPT 27 Indoor Hockey Competition (January 2013)
- Third Winner of IHR XII Indoor Hockey Competition held by ISTN (July 2012)
- Head of Accommodation and Transportation Division, IHRPT 28 Indoor Hockey Competition (August 2013)

Awards & Certifications

Dean's Award for the Academic Achievement Apr 2013

Faculty of Earth Science and Technology

Given to an undergraduate student whose Grade Point Average is 3.50 or higher for a regular schedule courses consisting of 15 or more credits in a particular semester. The minimum grade is C without repeating any Course.

Certificate of Participation "PELATIHAN STRATEGI SUKSES DI KAMPUS Apr 2012

Lembaga Tahap Persiapan Bersama (LTPB) - ITB

Materials consist of time management, interpersonal communication, and mind mapping

Certificate of Completion "THE 7 HABITS of Highly Effective College Students" Aug 2011

Dunamis Foundation

Certificate of completing three days training of 7 Habits by Streven R. Covey in ITB campus

Publication

GPS APPLICATION FOR MONITORING DEFORMATION IN LOKON VOLCANO, INDONESIA

Ikatan Ahli Kebencanaan Indonesia - Indonesian Journal of Disaster Research Vol. 2 No. 1, May 2016 Page 59-69 ISSN: 2443-2733 - <http://www.iabi-indonesia.org/wp-content/uploads/2015/07/JRKI-Vol2-No1-2016.compressed-1.pdf>