

Curriculum Vitae

Yongki Andita Aiman

18 November 1993,
Married
Indonesian



Work Experience

2019 – present

Bhumi Prasaja (Geospatial consultant)
Research and Development: Geospatial Software Engineer
Remote Sensing and GIS Software

2014 – 2015

Universitas Padjadjaran
Theoretical and Computational Geophysics Laboratory Assistant
Tutor for the courses:
- *Algorithm and Programming*
- *Numerical Methods in Geophysics*

Education

2016 – 2018

Master Degree
Geophysics - Joint Program
Ludwig-Maximilians-Universität - Technische Universität München
Germany

2011 – 2015

Bachelor Degree
Geophysics
Universitas Padjadjaran, Indonesia

Language and Computer Skills

Indonesian: Mother language
English: IELTS (6)
German: A1.2

Programming: Python, Matlab, Fortran, C++, C#
Geophysics: ObsPy, SeisSol, CGG Hampson-Russell, Petrel
Geological Modelling: SKUA-Gocad, SimModeler
Geospatial & Remote Sensing: Erdas Imagine, Erdas Apollo, GeoMedia, WebGIS, Geoserver
Additional: Github, LaTeX, Windows Server, IIS Server Manager

Research Experience

03/2018 – 07/2018

Master Thesis : Earthquake Kinematic Source Modelling Using A New Technique with ADER-DG (Arbitrary High-Order Derivative – Discontinuous Galerkin)

10/2014 – 03/2015

Bachelor Thesis : Modelling and Analysis of Seismic Data of Thin Layer Based on Synthetic Data

06/2014 Student Internship at Medco Energy, Jakarta: AVO Anomaly Analysis of Seismic Data of the "Y" Field using Hampson-Russell Software

Projects

2019 SPaCEMAP (Web Portal for Dissemination of Remote Sensing Data) for LAPAN (Indonesian National Institute of Aeronautics and Space)

Seminars and Publications

09/2018 Publication: *seismo-live*: An Educational Online Library of Jupyter Notebooks for Seismology (Seismological Research Letters, Volume 89/6, pages 2413-2419 doi:10.1785/020180167 – 2018)

06/2015 Poster presentation: Modelling and Analysis of Seismic Data of Thin Layer Based on Synthetic Data in Padjadjaran Earth Dialogue: International Symposium on Geophysical Issues (PEDISGI), Indonesia

Course and Workshop

02/2016 EdX Honor Code Certificate: "Sensing Planet Earth – Water and Ice" by ChalmersX, Chalmers University of Technology

12/2015 "Python Training of Earth Sciences and Seismology" by Erdinc Saygin, held by ITB Bandung

12/2012 One Day Workshop: "Basic Quantitative Interpretation" by Ikon Science and Universitas Indonesia

Organizational Experience

2014 Head of Information and Communication Department at SEG Universitas Padjadjaran Student Chapter

2013 Minister of Strategic Social Issue Study Department at BEM Kema FMIPA Universitas Padjadjaran

Hobbies and Interest

Cycling,
Travelling,
Working as a team,
Finding new experiences in workplace,
Willing to learn new things

I, the undersigned, certify that to the best of my knowledge and belief, this resume correctly describes myself, my qualification, and my experience.

Sumedang, 30.03.2019

(Yongki Andita Aiman)