

Ismail Sunni

Web: ismailsunni.id

Github: github.com/ismailsunni

Email : imajimatika@gmail.com

Mobile : +62 813 2861 7492

EDUCATION

- **Universitat Jaume I; University of Muenster** Castellon, Spain; Muenster, Germany
Master of Geospatial Technology; *Sept. 2018 – March 2020 (expected)*
- **Chonnam National University** Gwangju, South Korea
Electronics and Computer Engineering Integrate's program; unfinished *Sept. 2013 – Feb. 2014*
- **Institut Teknologi Bandung** Bandung, Indonesia
Bachelor of Science in Informatic Engineering; GPA: 3.65/4 *Aug. 2008 – July. 2012*

WORK EXPERIENCE

- **Kartoza** South Africa
Software Engineer *Mar 2014 - Aug 2018*
 - **InaSAFE:** InaSAFE is free software that produces realistic natural hazard impact scenarios for better planning, preparedness and response activities. Implemented as QGIS plugin and extended as near-realtime analysis. Tech: Python, PyQGIS, PyQt
 - **GeoNode with QGIS Server:** Develop early version of supporting GeoNode with QGIS Server. Tech: Django, Python, QGIS Server
 - **GeoNode Integration on QGIS:** Adding GeoNode support on QGIS. Tech: Qt C++
 - **InaSAFE Realtime:** Implement InaSAFE to do near-realtime disaster analysis. Tech: Python, Django, Docker.
 - **GeoContext:** GeoContext is a service that will fetch data for a geographic position. Tech: Python, Django
Developing web GIS for several clients. Tech: Python, Django, Leaflet, Docker
 - **SG Diagram Downloader:** A QGIS plugin that will download SG (South African Surveyor General) diagrams. Tech: Python, PyQGIS, PyQt.
 - **Stream Feature Extractor:** A QGIS plugin to extract features from a stream network. Tech: Python, PyQGIS, PyQt.
 - **Various Web GIS:** Developed custom Web GIS based on the customer's requirement. Tech: Python, PostgreSQL, Django
- **Australia Indonesia Facility For Disaster Reduction** Jakarta, Indonesia
Software Engineer *Aug 2012 - July 2013*
 - **InaSAFE:** InaSAFE is free software that produces realistic natural hazard impact scenarios for better planning, preparedness and response activities. Implemented as QGIS plugin

PROJECTS

- **Google Summer of Code 2019 participant with OSGeo.:** QGIS 3D Improvement: On Screen Navigation, Bookmarks, Rendering Point Feature as Billboard, and Measuring Tool. Tech: Qt C++, 3D Programming
- **Docker QGIS 3 Model:** Running QGIS 3 Model inside Docker. Tech: Docker, Python, QGIS
- **F3 : Factor Finder:** Sentiment Analysis and Sentimental Topic Extraction from Opinion about Public Figure Opinion in Bahasa Indonesia. Tech: Python, Sentiment Analysis, NLTK

MISCELLANEOUS

- **Indonesia Python Community:** Act as treasurer of the community and Python community meet-up organizer in Yogyakarta (inactive), Indonesia: <http://python.or.id/>
- **Indonesia QGIS User Group:** Initiator of Indonesia QGIS User Group: <https://qgis-id.github.io>
- **FIFAFU Football:** Organizer of FIFAFU League for a mini Fantasy Premier League: https://twitter.com/FPL_FIFAFU