Jason Jon Benedict

Geospatial professional /
aspiring data visualization specialist

D-11-29, Avenue D'Vogue,
Section 13, Petaling Jaya, 46200,
Selangor, Malaysia

jasonjb82@gmail.com

+6014 229 5904

jasonjb82

I am a geospatial professional and an aspiring data visualization specialist with over 13 years of experience. My greatest interest is in using geospatial, business intelligence and data analytical tools to understand better spatial and non-spatially related environmental and social issues and to subsequently present this using high-quality mapping or data visualization outputs.

github.com/jasonjb82   linkedin.com/in/ jasonjb82   jason-doug-climate.blogspot.com

EDUCATION

2000-2004
University Technology Malaysia

BSc (Hons), Major in Remote Sensing
Dissertation: The application of Remote Sensing and GIS for the development of a Fire Mapping Database

EXPERIENCE

January 2016 – Present
The Forest Trust, Malaysia

Project Lead – Data Analytics & Visualization
Spatial analysis for risk mapping, supply chain mapping, field data collection and mapping support for assessments and smallholder farmers engagement programme, geo-database management and development. Data processing, analysis and visualization using R and business intelligence tools.

July 2015 – December 2015
ERE Consulting, Malaysia

Senior GIS Consultant
Spatial analysis and mapping for environmental assessments.

August 2013 – June 2015
WorldFish, Malaysia

Geospatial Data Analyst
Data collation, mapping, spatial analysis, visualization, web mapping using open-source tools (OpenGeo suite, R) with focus on sustainable fisheries, natural resources management, climate change and food security.

July 2007 – June 2013
GHD, Malaysia and South Australia

GIS Analyst
Data collation, geo-database development, mapping, spatial and 3D analysis. Field data collection support, Develop decision support systems using GIS and remote sensing data.

July 2006 – June 2007
Sapura Kencana Petroleum, Malaysia

Data Processor
Data processing and mapping of offshore survey data.

May 2005 – June 2006
MapIT, Malaysia

Mapping Officer
Business geographics, cartographic solutions for location-based services, geospatial data collation.

May 2004 – April 2005
Ground Data Solutions, Malaysia

Geomatic Data Analyst
LiDAR data acquisition, processing and mapping to produce high-resolution Digital Terrain Models and orthoimagery for various sites in Peninsular Malaysia and Central Kalimantan, Indonesia.

VOLUNTEER EXPERIENCE

2014 - Present   Land cover change modeling, deforestation mapping, and various mapping and spatial analysis tasks for Rimba (https://rimbaresearch.org/)

COURSES / TRAININGS

Fundamentals of Data Analytics – by BFM-Edge and Fusionex, Kuala Lumpur (2017)

Climate Data Analysis and Vegetation Monitoring using R - Joint Graduate School of Energy and Environment, King Mongkut's University of Technology Thonburi, Thailand (2014)

Remote Sensing for Habitat Conservation – University of Nottingham Malaysia Campus (2014)

GIS for Species Distribution Modeling – University of Nottingham Malaysia Campus (2014)

LANGUAGES

English

Malay

Bahasa Indonesia

TECHNICAL SKILLS

ESRI ArcGIS

QGIS

R

Qlik / Power BI

Idrisi / TerrSet

Inkscape

Microsoft Office

HOBBIES

INTERESTS

IoT

Sustainability

Climate change

Food security

Conservation

Mapping and data visualization

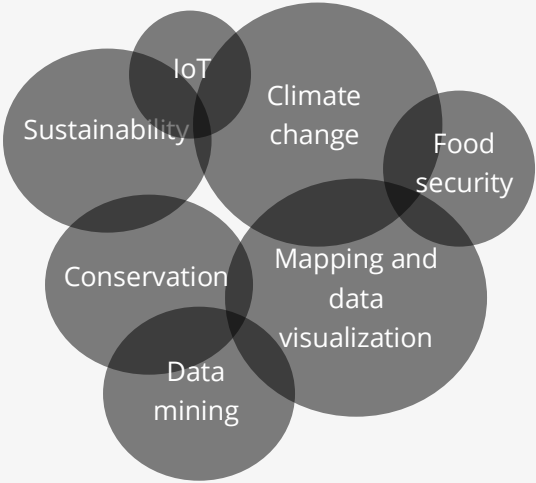Data mining

SELECTED PUBLICATIONS

Douglas James Beare, Miranda Morgan, Afrina Choudhury, Mélody Braun, Jason Jon Benedict, Paula Kantor: Enhancing the gender-equitable potential of aquaculture technologies. Report number: Program Brief: AAS-2015-07, Affiliation: Penang, Malaysia: CGIAR Research Program on Aquatic Agricultural Systems., DOI:10.13140/RG.2.1.4802.3767

Douglas James Beare, Stanley Tan, Jason Jon Benedict: Lesser Sunda - Banda Seascape Atlas. Report number: 1, Affiliation: Worldfish, DOI:10.13140/RG.2.1.1982.7361

Douglas James Beare, Shwu Jiau Teoh, Stanley Tan, Jason Jon Benedict, Nurulhuda Ahmad Fatan: The MPA (Marine Protected Area) Atlas of the Bay of Bengal Large Marine Ecosystem (BOBLME). Report number: 1, Affiliation: Worldfish, DOI:10.13140/RG.2.1.3555.6003

References available upon request