



Brian Estadimas Arfeto



europass

Date of birth: 12/12/1997 | **Nationality:** Indonesian | **Gender:** Male |
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● EDUCATION AND TRAINING

16/08/2016 – 16/08/2020 – Depok, Indonesia

BACHELOR DEGREE OF COMPUTER SCIENCE (BSC) – Faculty of Computer Science, University of Indonesia

Grades : 3.14 Out of 4.00

Core Modules : Programming (Web, Enterprise), Data Structure & Algorithms, Probability & Statistics, Research & Method, IT Service Management, IT Infrastructure Management, Project Management, Audit Information System, Big Data & Business Intelligence

<https://www.ui.ac.id/>

● LANGUAGE SKILLS

Mother tongue(s): **INDONESIA**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C2	C1	C1	C2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● SCIENTIFIC RESEARCH

The Success of Business Intelligence at the University of Indonesia Based on Its Dynamic Capabilities

IEEE Research Paper

Intention to Disclosure Personal Data on Social Media

Published in ICIC International Conference 2020 (<https://icic-aplikom.org/2020/>)

● CERTIFICATIONS

Certified of Building Artificial Intelligence (AI) - University of Helsinki

An Artificial Intelligence technology certification, proven that I am able to develop algorithm of AI using python. Works with deep learning, computer vision, data science & math, and also natural language processing.

● WORK EXPERIENCE

28/03/2022 – CURRENT – Jakarta, Indonesia

FULLSTACK SOFTWARE DEVELOPER – PT DELTADATA MANDIRI

Build applications with backend and frontend technologies for Sinarmas Coal Mining project and BAPPENAS (Indonesia government planning agency). Also, build an Artificial Intelligence technology for Sinarmas Coal Mining and as an outsourcing developer for BAPPENAS.

01/12/2020 – 01/02/2022 – Jakarta, Indonesia

APPLICATION ENGINEER – GIGACOVER TECHNOLOGIES INDONESIA, PTE LTD

Gigacover is multinational company which engages in the field of Financial and Insurance technologies. As first application engineer in Indonesia, my responsibilities in here was :

- Build financial applications from the scratch, which includes payment, banking, bills, and others.
- Improve existing insurance application, partner with many insurance companies.

01/02/2020 – 16/06/2020 – Jakarta, Indonesia

LECTURER ASSISTANT OF RESEARCH METHODOLOGY – FACULTY OF COMPUTER SCIENCE, UNIVERSITY OF INDONESIA

- Teach basic of research and methodology. For instances, using statistical analysis software and how to correctly write research paper based on IEEE.
- Assist some computer science researches with collecting data and create paper.

01/06/2019 – 01/10/2019 – Jakarta, Indonesia

ICT SYSTEM DEVELOPER – TOWER BERSAMA INFRASTRUCTURE, INC.

Tower Bersama is an Infrastructure company owned by the Indonesian Government which engages in the field of communication and tower provider. As a governmental company, the infrastructures that Tower Bersama provides, directly impact on technology in Indonesia. My responsibilities in here includes :

- As part of core IT, develop an information system to manage infrastructures.
- Audit and improve existing information systems.

16/01/2019 – 18/05/2019 – Jakarta, Indonesia

ICT SYSTEM ANALYST – SIERRA SOLUTIONS INDONESIA

Sierra Solutions is a company that engages in outsourcing employees. As part time my responsibilities here is to design new IT solutions to improve business efficiency and productivity, produce outline designs and estimate costs of new systems, specify the operations the system will perform, and the way data will be viewed by the end user.

● PROJECTS

AI Air Pollution Manager (Unfinished)

A project as a contribution on society in technology field. AI Program to measures Air Pollution Rate and Air Quality Index (AQI) on buildings, compare with others and detect faults on them. Currently still unfinished.

<https://github.com/brianestadimas/Air-Pollution-Manager-AI>

Safemask using Artificial Intelligence

An open project as a contribution on society when Covid-19 pandemic occurred. This project to detect group of people using mask or not. This project is finished and ready to use for commercial purpose. The technology was using deep learning object detection Tensorflow to train the model.

<https://github.com/brianestadimas/Safemask-AI>

Brain Tumor Detector using Artificial Intelligence

This project aim is to contribute to medical science by predicting brain tumor based on CT Scan. Data was gathered from open repository from Harvard University that contains many cases of brain injury.
<https://github.com/brianestadimas/Brain-Tumor-Detector-AI>

Waste Management (Smash)

Smash is a mobile App to manage wastes in a region. This is used by a traditional market as their waste bank management.

● ORGANISATIONAL SKILLS

Developer in Microsoft Innovation Center 2017-2018

Works with organization to create Artificial Intelligence innovation (Social Media BOT and Web Harvester)

Laravel Workshop Committee FUKI Fasilkom UI (March 2017)

Workshop about programming language to create basic web application

Member of FUKI Faculty of Computer Science University of Indonesia 2017-2018

A religious organization which contribute education values to Faculty, by creating events and innovations.

Committee of Youth Scientific Group Nurul Fikri 2015

Scientific organization that engages on scientific research, education and environmental care.

● VOLUNTEERING

Hackathon Competition Kargo Technologies Indonesia 2022 (Build IT Solution)

Volunteer of Clean Up Pari Island from Waste 2016 (Environment care & provide education)

Volunteer of AISCO Project Fasilkom University of Indonesia 2017 (Build donation websites)

● DIGITAL SKILLS

My Digital Skills

Data Science, Data Analytics, Data Visualization | Mobile development | Web development | IT Security and Audit | Programming Language (Python, Java, Javascript, C#, Flutter Dart) | Database (SQL & NoSQL) | OS (Linux & Windows) | IT Infrastructure Management | ITSM | IT Project Management | Artificial Intelligence (Certified) | Information System Analyst | Digital Marketing