Gunardi ALI



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Jakarta, 8th November 1988 Indonesian

2nd winner of Hackathon PMR-Expo



Objective

A result-driven PLM-technical consultant seeking to transition into the field of data science and cloud engineering. Learning actively Data Analytic and Machine Learning. I have five years of experience in advising multinational companies and collaborating with global teams. Pursuing my 2nd master's degree in data science while working full time.

Skills & Abilities

- Coding skills: Python, R, SQL, TensorFlow, HTML, CSS.
- Cloud Technology: AWS: EC2, Sagemaker; Google: BigQuery, Colab; Heroku.
- Communication skill: Conduct an effective training in English and German.
- Client-facing skills: Working as consultant in my current customer facing role.
- PLM-Solution skills: Windchill, CATIA, Enovia, Creo View, Solidworks, Moldflow.

Publication & Project •

- Create dashboard to analyze financial data and deploy on Cloud: Link
 - This web app downloads financial data from multiple sources and perform calculations based on user assumptions to check if a stock is over/undervalued.
- [NLP] Data Analysis of Community Discussion: <u>Link1</u>, <u>Link2</u> and <u>GitHub-Link</u>
 - Applying data exploratory analysis and an unsupervised Machine Learning algorithm (LDA) on 264.148 text data collected from StackOverflow.
- How Neural Network works under the hood? Link
- [Computer Vision] Transfer Learning to classify images of cats & dogs: <u>Link</u>
- [NLP, Generative AI] Analyze & Summarize Text: Link

For further projects, please check <u>my website</u>.

Certification

- Python. Link
- R. Link
- Git. Link
- AWS Certified Cloud Practitioner. Link
- MIT: Probability <u>Link</u> and Fundamentals of Statistics <u>Link</u>.
- Google: Data Analytics. <u>Link</u>
 Skills learned: R, SQL, BiqQuery, Tableau, Excel, Data Cleaning and Transformation.
- Deep Learning Frameworks: TensorFlow Link
- Project Management. <u>Link</u>
- CATIA. Link
- Solidworks. <u>Link</u>

Recommendation •

- From my project's supervisor on Hochschule Harz: Link
- From a Python's training speaker.

These recommendations can be found on my LinkedIn page under section "Recommendations": Link

Language

- German: full professional proficiency.
- English: full professional proficiency.
- Chinese: conversational.
- Indonesian: native language.

Education

Hochschule Harz – Wernigerode, Sachsen-Anhalt – M.Sc. Data Science

September 2022 – March 2025. <u>Studying part time while working full time.</u>
Lectures take place full day on Fridays (10x/semester) and Saturdays (10x/s.).
Transcript of record: <u>Link</u>

TU Braunschweig – Braunschweig, Lower Saxony – M.Sc. Mechanical Engineering

Oktober 2013 - September 2017. Link

Thesis: Numerische Betrachtung des Einflusses von Kunststoffschmelzen auf Endlosfasern im Spritzgussprozess (Score: 1,7)

Swiss German University – Indonesia – B.Sc. Mechatronic

August 2007 – January 2012. Link

Thesis: Designing and Constructing a Ball on Beam Balancer Control System Using FPGA

(Score: 93/100)

Working Experience

PDM Consultant, Solution Engineer: October 2018 - Present

EDAG Production Solutions GmbH & Co. KG: Munich, Germany

- Technical PLM Customer-Support for CATIA and PTC Windchill.
- Troubleshooting CAE engineering problems in automobile industry.
- Analyzing and testing product development process.
- Conducting efficient multiday training for MAN & Scania in German & English.
- Developed automation tool for information discovery from emails.

Internship as Sheet Metal Forming Analyst: March-June 2012, August-November 2011

CV. Darma Abadi Motor: Cibinong, Indonesia

- Responsible in development and maintenance of metal forming production tools.
- Technical support.

Internship as Quality Controller: February-August 2010

Jeising Magnete GmbH: Herne, Nordrhein-Westfallen

Quality control using 3D measuring device.

Internship as Mechatronic: February-August 2008

Siemens Indonesia: Cilegon, Indonesia

- Developing & controlling the quality of electrical circuits.
- Programming computer numerical controlled (CNC) machine on production site.