Gunardi ALI

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LinkedIn - My Website

Jakarta, 8th November 1988
Indonesian

Objective	A highly motivated PLM specialist/consultant with 5 years' experience. Learning actively Data Analytic and Machine Learning using R and Python. Looking for a new opportunity to apply my problem-solving skill and analytic knowhow.
Skills & Abilities	▪ PLM-Solution skills: Windchill, CATIA, Enovia, Creo View, Solidworks, Moldflow. ▪ Technical skills: SQL, Python, R, Tableau, Office Excel. ▪ Communication skill: Conduct an effective training in English and German. ▪ Client-facing skills: Developed effective communication skill in my current customer facing role.
Language	▪ German: full professional proficiency. ▪ English: full professional proficiency. ▪ Chinese: conversational. ▪ Indonesian: native language.

Working Experience

PDM Specialist/Coach, Solution Engineer: October 2018 - Present
EDAG Production Solutions GmbH & Co. KG: Munich, Germany
- Technical PLM-Support for CATIA and PTC Windchill.
- Developing solutions for CAE engineering problems in automobile industry.
- Analyze 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.

Education

Hochschule Harz – Wernigerode, Lower Saxony – M.Sc. Data Science
September 2022 – present. Studying part time while working full time.
Courses take place full day on Fridays (10x/semester) and Saturdays (10x/s.).
Transcript of record: Link

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 – Serpong, 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)

Certification	- Project Management. [Link](#) - CATIA. [Link](#) - Solidworks. [Link](#) - Python. [Link](#) R. [Link](#) - Git. [Link](#) - AWS Certified Cloud Practitioner. [Link](#) - MIT: Probability. [Link](#) - MIT: Fundamentals of Statistics. [Link](#) - Google: Data Analytics. [Link](#) *Skills learned: R, SQL, BigQuery, Tableau, Excel, Data Cleaning and Transformation.* - Data Science Frameworks: Tensorflow. [Description link](#) [First 3 of 4 modules finished](#). Estimated completion date: 15-12-2023.
Publication & Project	**Using Concurrency Programming to collect data from multiple sources**: [Link](#) **Create dashboard to analyze Company Valuation and deploy on Heroku**: [Link](#) **Data Analysis of Community Discussions on Security Issues:** [Link1](#) and [Link2](#) - Applying data exploratory analysis and an unsupervised Machine Learning algorithm (LDA) on 264.148 text data collected from StackOverflow. **Bike Share Analysis using R** (my first analytic project using R): [R-Analysis](#) and [Result Visualization](#). **How Neural Network works under the hood?** [Link](#) **Survival Analysis:** [Link](#) **Using deep neural network to perform object detection.** [Link](#) For further projects, please check [my website](#).
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](#)