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Jakarta, 8th November 1988
Indonesian

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:** [Link1](#), [Link2](#) and [GitHub-Link](#)
 - 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:** [Link](#)
- **[NLP, Generative AI] Analyze & Summarize Text:** [Link](#)

For further projects, please check [my website](#).

Certification

- Python. [Link](#)
- R. [Link](#)
- Git. [Link](#)
- AWS Certified Cloud Practitioner. [Link](#)
- MIT: Probability [Link](#) and Fundamentals of Statistics [Link](#).
- Google: Data Analytics. [Link](#)
Skills learned: R, SQL, BigQuery, Tableau, Excel, Data Cleaning and Transformation.
- Deep Learning Frameworks: TensorFlow [Link](#)
- Project Management. [Link](#)
- CATIA. [Link](#)
- Solidworks. [Link](#)

Recommendation	<ul style="list-style-type: none"> ▪ From my project's supervisor on Hochschule Harz: Link ▪ From a Python's training speaker. <p>These recommendations can be found on my LinkedIn page under section "Recommendations": Link</p>
Language	<ul style="list-style-type: none"> ▪ German: full professional proficiency. ▪ English: full professional proficiency. ▪ Chinese: conversational. ▪ Indonesian: native language.
Education	<p>Hochschule Harz – Wernigerode, Sachsen-Anhalt – M.Sc. Data Science September 2022 – March 2025. Studying part time while working full time. Lectures take place full day on Fridays (10x/semester) and Saturdays (10x/s.). Transcript of record: Link</p> <p>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)</p> <p>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)</p>
Working Experience	<p>PDM Consultant, Solution Engineer: October 2018 - Present EDAG Production Solutions GmbH & Co. KG: Munich, Germany</p> <ul style="list-style-type: none"> ▪ 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. <p>Internship as Sheet Metal Forming Analyst: March-June 2012, August-November 2011 CV. Darma Abadi Motor: Cibinong, Indonesia</p> <ul style="list-style-type: none"> ▪ Responsible in development and maintenance of metal forming production tools. ▪ Technical support. <p>Internship as Quality Controller: February-August 2010 Jeising Magnete GmbH: Herne, Nordrhein-Westfallen</p> <ul style="list-style-type: none"> ▪ Quality control using 3D measuring device. <p>Internship as Mechatronic: February-August 2008 Siemens Indonesia: Cilegon, Indonesia</p> <ul style="list-style-type: none"> ▪ Developing & controlling the quality of electrical circuits. ▪ Programming computer numerical controlled (CNC) machine on production site.