

TALIA PANDAN SARI

ELECTRICAL ENGINEER

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EDUCATION

TU BERLIN

2021 - present | Electrical Engineering (Master)

- Focus on communication systems

LEIBNIZ UNIVERSITÄT HANNOVER

2016 - 2021 | Electrical Engineering (Bachelor)

- Focus on automation and control
 - Thesis: Comparison of Reachability Analysis Tools for Analog Circuit Verification (1.0)
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EXPERIENCE

MBITION

2023 - present | DevOps/Automation Engineer

- Implement automation tools using Python to collect data from various platforms such as GitLab and Jira
- Maintain CI/CD test automation tools in GitLab
- Support KPI definition and continuous tracking of improvement in performance

LUXOFT

2022 - 2023 | Test Engineer

- Flashed ECUs
- Supported development teams in HW and SW testing activities for in-vehicle infotainment systems
- Built test automation HW and SW

ICS - NH

2021 - 2022 | Quality Control Engineer

- Controlled and tested sensors and sensor systems according to DIN EN 9100:2016
- Designed sensor systems, such as transducer, in TurboCAD
- Helped in the development and production area

LEIBNIZ UNIVERSITÄT HANNOVER

2020 - 2021 | Student Assistant

- Analyzed mixed-signal circuits using reachability analysis (formal verification) in MATLAB
 - Created GUI for circuits simulation and verification
 - Documented codes
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PROJECTS

INTERNATIONAL DESIGN PROJECTS

2018 | Hannover, Germany

A university project of plant shelf, built with self-regulating boards that follow the sunlight. This project was exhibited in Maker Faire 2018.

ISPO & ISWEEEP

2013 | Jakarta, Indonesia & Houston, Texas, USA

Built a prototype of a staircase that generates electricity with dynamos. This project won a gold and a silver medal in scientific competitions.

SKILLS

Programming: Python, SQL, C/C++, HTML/CSS/JS, Typescript

Software: MATLAB, Turbo CAD, STM32CubeIDE, Eagle CAD, Unreal Engine 4

Others: Microsoft Office, LaTeX, SpaceX

Language: Indonesian (Native), English (C1), German (C1), Turkish (A2), French (A1)
