GYULA MOLNÁR

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STUDIES

University of Science and Technology Beijing | Online
[*03/2022 – 06/2022*]
General Scholar (Chinese Language)

Chemnitz University of Technology | Germany
[*10/2019 – 03/2022*]
Systems Engineering M.Sc. (major in Technical Logistics)
"Extension of a Novel Set-Based Method for Transient Stability Analysis of Power Grids" ➚

Budapest University of Technology and Economics | Hungary
[*09/2018 – 12/2018*]
Unofficial guerilla preparation semester in German
(Mathematics, Mechanics, Material Science, Machine Elements)
[*2011 – 2016*]
Transportation Engineering B.Sc. (major in Factory Logistics)
"Improvement opportunities of the handling and tracing processes of in-house empties at Audi Hungaria Motor Kft."

WORK

VDynamics GmbH (outsourced through Formel D Magyarország Kft.)
[*09/2022 –*] Test Validation Engineer

Chemnitz University of Technology (Professorship of Automatic Control and System Dynamics)
[*04/2020 – 02/2022*] Research Assistant

SAP Hungary Kft. (Software component „Supplier Relationship Management")
[*04/2016 – 07/2018*] Support Engineer; Support Associate; Support Trainee

Audi Hungaria Motor Kft. (Department of Logistics Planning Inline Engines)
[*06/2014 – 09/2015*] Packaging Planning Intern

ACADEMICS

[*2022*] ***"Critical Clearing Time Estim. of Power Grid Faults via a Set-Based Method"*** ➚
(Conference paper candidate, second author)
Submitted to the IFAC WC 2023 (Rejected)
Submitted to the IEEE CDC 2023 (Rejected)

[*2021*] ***"Validity Analysis of Safety Sets Applied in Transient Stability of Power Grids"*** ➚
(Preliminary research project before the Master's Thesis)

LANGUAGES

English, **German** (proficient) and **Chinese** (low-intermediate)

CERTIFICATES

[*2023*] **ISTQB Certified Tester Foundation Level**
[*2020*] **Six Sigma Yellow Belt** (ASQ/DGQ certified in accordance with ISO 13053-1/2:2011)
[*2019*] **Forklift Operator Certification** (In accordance with DGUV 308-001)
[*2010*] **Driver's License** (Category B)

MISC

Confident use of all kinds of programming languages and software technologies.
Experience with embedded systems and electronics (also soldering, PCB design, etc.)