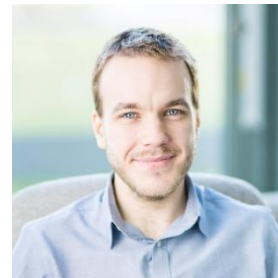


GYULA MOLNÁR



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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.)