Curriculum Vitae

Name: Tamás István UNGER
Date of Birth: 05/06/1992
Place of Birth: Budapest, Hungary
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Qualifications

- **2023:** Beer Brewer certificate (graded *excellent*);

- **2021:** B. Sc. degree certificate in Mathematics (without specialization; graded *excellent* (4,52));

- **2020:** Advanced Language Exam in Slovak (ELTE ORIGO, Budapest);

- **2019:** Intermediate Language Exam in Slovak (Comenius University, Bratislava);

- **2017:** Professional Exam of Hungarian Administration;

- **2017:** M. Sc. degree certificate in Electrical Engineering (Telecommunications Systems and Services specialization; graded *excellent* (4,93));

- **2015:** Preliminary Exam of Hungarian Administration;

- **2014:** B. Sc. degree certificate in Electrical Engineering (Infocommunications specialization; graded *excellent* (4,98));

- **2011:** Information Technologist Technician (OKJ 54 481 04 0010 54 04);

- **2011:** Telecommunications Technician (OKJ 54 481 04 0010 54 05);

- **2010:** General Certification of Education;

- **2010:** Intermediate Language Exam in English (ECL, Budapest).

Studies

- **2024-:** "Széchenyi István" University, Győr, Doctoral School of Multidisciplinary Engineering Sciences (Ph. D. programme), Programme in Informatics;

- **2023:** "Focus Oktatásti Kft.", Budapest, Beer Brewer course;

- **2017-2020:** "University of Szeged, Szeged, Faculty of Science and Informatics, Bolyai Institute, Mathematics (B. Sc. course), without Specialization;

- **2015-2017:** "Széchenyi István" University, Győr, Faculty of Electrical Engineering (M. Sc. course), Specialization in Telecommunications Systems and Services;

- **2011-2014:** "Széchenyi István" University, Győr, Faculty of Electrical Engineering (B. Sc. course), Specialization in Infocommunications;

- **2006-2011:** "Puskás Tivadar" Telecommunications and Infocommunications Technical School and College, Budapest.

Experiences

- **2022:** **Chairman**, Technical Working Group − HCM, Sub-Working Group Mobile System (TWG-HCM − SWG-MS), European working group on frequency coordination issues of Land Mobile Service;

- **2020:** **HCM Expert**, "International Telecommunication Union" (ITU), Assessment of the current version of the Harmonised Calculation Method for Africa (HCM4A) agreement within the framework of Policy and Regulations Initiative for Digital Africa (PRIDA) project;

- **2020-:** **Spectrum Management Expert**, "National Media and Infocommunications Authority" (NMHH), Spectrum Management Unit, Budapest, Hungary;

- **2015-2020:** **Expert on frequency co-ordination**, "National Media and Infocommunications Authority" (NMHH), Frequency Planning and Coordination Unit, Budapest, Hungary (Co-ordination of Land Mobile Service and Fixed Service according to HCM Agreement);

- **2014:** **Intern**, "National Media and Infocommunications Authority" (NMHH), Frequency Planning and Coordination Unit, Budapest, Hungary;

- **2012-2014:** **Member**, "Széchenyi István" University, Department of Automation, Laboratory of Electromagnetic Fields;

- **2012-2014:** **Teaching Assistant**, "Széchenyi István" University, Department of Automation;

- **2012-2014:** **Intern**, "Széchenyi István" University, Research Center of Vehicle Industry.

Scientific work, awards

- **2015:** **First prize** with the paper "Examination of Static and Radiofrequency Electromagnetic Fields with the Method of Moments" at "Széchenyi István" University, Győr, Scientific Student's Association Conference (TMDK), Electrical Engineering section;

- **2015:** **Third prize** with my B. Sc. thesis "Measurement, Analysis and Simulation of Magnetic Hysteresis with Finite Element Method and Scalar Preisach Model" at "Scientific Association for Infocommunications (HTE), Hungary"'s B.Sc. and M.Sc. Thesis Competition;

- **2015:** **First prize** with the paper "Application and Further Development of the HCM Agreement in the Frequency Co-ordination of Land Mobile Service" at "Óbudai Egyetem", Budapest, XXXIIth all-Hungarian Scientific Student's Association Conference (OTDK), Electronics, Measurement Techniques and Telecommunications section;

- 2015: **Second prize** with the paper "Measurement, Analysis and Simulation of Magnetic Hysteresis with Finite Element Method and Scalar Preisach Model" at "Óbudai Egyetem", Budapest, XXXIIth all-Hungarian Scientific Student's Association Conference (OTDK), Applied Computer Science secion;

- 2014: **First prize** with the paper "Measurement, Analysis and Simulation of Magnetic Hysteresis with Finite Element Method and Scalar Preisach Model" at "Széchenyi István" University, Győr, Scientific Student's Association Conference (TMDK), Automation section;

- 2014: **First prize** with the paper "Application and Further Development of the HCM Agreement in the Frequency Co-ordination of Land Mobile Service" at "Széchenyi István" University, Győr, Scientific Student's Association Conference (TMDK), Telecommunication Systems section;

- 2014: **Fellowship granted by the Republic**, "Széchenyi István" University, Győr;

- 2014: **Second prize** with the paper "Examination of Nonlinear Material Properties in Numerical Field-Analysis" at "Széchenyi István" University, Győr, Scientific Student's Association Conference (TMDK), Electrodynamics section;

- 2014: **Presentation** on the subject "How do we protect our satellite connection? How to minimize the harmful interference and protect the Direct-to-Home services?" at French-Hungarian Workshop on Outer-space, Budapest University of Technology and Economics, Budapest;

- 2013: **First prize** with the paper "The Preisach Model and its Application" at "Széchenyi István" University, Győr, Scientific Student's Association Conference (TMDK), Electrodynamics section;

- 2013: **Fellowship granted by the Republic**, "Széchenyi István" University, Győr;

- 2012: **Fellowship granted by the Republic**, "Széchenyi István" University, Győr.

Computer skills

- `Programming`: Matlab (advanced), C (beginner), Python (beginner);

- `Advanced level`: Microsoft Windows, LaTeX, Microsoft Office;

- `User level`: GNU/Linux, CorelDraw.

Personal Competences

- `Native language`: Hungarian;

- `Command of language`: English (advanced), Slovak/Slovenčina (advanced writing and oral skills with professional (IT/telco) vocabulary);

- `Driving licence`: Category B;

- `Range of interests`: science, programming, telecommunications, culture of food and beverage (mostly wine), movies, books, photos (my photos: `https://500px.com/ungertms`) and literature.