

WORK EXPERIENCE

Research asistent: 01.03.2012 - present

Company: Technical Univeristy Of Cluj-Napoca

Working city: Cluj-Napoca

Department: Research&Development

Company activity field: Teaching and research

Responsibilities:

Developing of fuzzy observers and controllers for dynamical systems. Simulating the observers and controllers using Matlab and testing them on the physical systems. Presenting the obtained results in papers.

Recommendation: Sl. Dr. Ing Zsofia Lendek

Affiliation: Department of Automation, Technical University of Cluj-Napoca

Address: Memorandumului 28, 400114 Cluj-Napoca, Romania

Webpage: lendek.net

E-mail: zsofia.lendek@aut.utcluj.ro

Achievements:

Fuzzyfication of the HIV mathematical model. Designing a fuzzy observer and controller for the obtained fuzzy model. The results of this research were presented in a paper at AQTR 2012, Cluj-Napoca.

Developing the fuzzy model for the 3D Crane dynamical system. Design two fuzzy observers and controllers for the fuzzy model. The results are presented in a paper. The paper is in the selection process for the IFAC 2013 Conference, China.

PLC Programmer: 01.07.2010 - 15.08.2010

Company: SC DYMOTEC SRL

Working city: Baia Mare

Department: Technical

Company activity field: Design and construction of automated and electrical systems

Responsibilities:

Tbox PLC programming for data acquisition.

Data Operator: 01.07.2009 - 15.08.2009

Company: SC Taparo SRL

Working city: Tg. Lapus

Department: Finance/Accounting

Company activity field: Production of upholstered items

Responsibilities:

Registration receipts / approvals

EDUCATION

Studies:

Master CAP (Advanced Process Control) at Faculty of Automation and Computer Science (Technical University Cluj Napoca), Baritiu 26-28, Cluj Napoca (Romania), Automation department, 2012 - present.

Faculty of Automation and Computer Science (Technical University Cluj Napoca), Baritiu 26-28, Cluj Napoca (Romania), promotion of 2011, Automation department, Automation engineer.

Highschool: Liceul Teoretic "Petru Rares", Tg Lapus, Maramures, promotion of 2007, class of informatics.

Courses, certificates & awards:

Courses: Programming: C / C + + / C #, Java, Assembly, LabView, MatLab, database, theory automatic regulation systems engineering: electronic circuits regulators calculation, Omron PLC programming, data acquisition sensors, Process Identification

Certificates: Bachelor of science, automation engineer, English language certificate

ABILITIES

Foreign Languages (Knowledge level):

french (medium)

english (medium)

PC Skills:

Knowledge of Microsoft Office(Word, Excel and PowerPoint), Latex and PC.

Programming:Java, JDBC, C++/C#, Assembly, AutoCAD, MatLab

Other skills or details that are relevant to your CV

Fast learner, team work