Ovidiu Silviu Taus

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Birthday: 06.10.1980

CORE COMPETENCIES

- Planning and Organizing
- Analytical & Strategic Thinking
- Problem-Solving

- Communications Skills
- Technical Knowledge
- Customer Oriented

PROFESSIONAL EXPERIENCE

Sales and Technical Representative   October 2010 – ...

TDK Gmbh *(Development, production, sales and distribution for electronic components)*
Key Responsibilities:

- customer relation and support responsible
- sales and distribution responsibilities (price offers, logistic set up, orders and payment follow up)
- technical and quality support (design in activities, external and internal audit support, quality issues investigation, solution implementation follow up)
- local administrative responsibilities

Key Activities:

- Design in for automotive industries for customer Marquardt, Continetal
- Design in for design house Microchip – Switch Mode Power Supply, ADC Convertors applications
- Technical support for EMS customer Benchmark, Steinel
- Technical support for industrial customers Electromagnetica (lightning application, e-meters), Aages (induction oven for automotive industry)
- Technical support and research activities for RF BAW filters at University „Politehnica" Bucuresti, Department of Electrical Engineering

Component Engineer   November 2007 – October 2010

Benchmark Electronics *(Development, production, for electronic equipment)*
Key Responsibilities:

- technical support for electronic and mechanical components
- electronic components alternative sourcing
- technical support and design in solutions for customer projects
- improving activities (5S implementation)
- technical support for the quality team, 8D reports, external audits

Key Activities:

- BOM checking and optimization
- sourcing for "hard to find" electronic components
- samples testing and evaluation

Design Engineer   August 2006 – November 2007

CBT Companies *(Mechanical and harness design for Caterpillar)*
Key Responsibilities:

- reverse engineering on digital scanned embodiments
- engine components design
- FEA analyses with PROMECHANICA
- detailing of engine components
- detailing in UG NX3

Design Engineer   June 2005 – March 2006

Ina Schaeffler *(Mechanical design automotive and industrial applications)*
Key Responsibilities:

- reverse engineering on digital scanned embodiments
- SAP update of the mechanical components
- *PRO/E* model design of pump housing and thrust bearing
- FEA analyses with PROMECHANICA

Design Engineer   December 2003 – June 2005

Cambric Consulting *(Mechanical design automotive and industrial applications)*
Key Responsibilities:

- mesh modeling on ANSA, for Renault
- design programs in XML for Solid Works web page product catalog
- -Reverse engineering on drawing model (products catalog)

Wood Industry Engineer   May 2003 – August 2003

Company: S.C. Lignorex SA Brasov(Solid wood frames manufacture)
Key Responsibilities:

- supplier and clients relation responsible;
- price calculations and product design as to customer requirements and quality standards;
- ordering materials and components; stock follow up ; receive orders follow up; releasing materials to production; production follow up;
- deliveries responsible; invoice, transport and custom documents responsible; installation activities planning and coordination.

EDUCATION

	Phd student at University „Politehnica" Bucharst, coordinator Prof. Dr. Ing. Florin Constantinescu	October 2014- Present
	Univesity „Politehnica " Bucharest-Program POSDRU/187/1.5/S/155536	August –December 2015
Diplomat Engineer - Mecatronics	*TRANSILVANIA BRASOV UNIVERSITY, Mechatronics Engineering*	*2002 – 2006*

Scholarship part of Socrates-Erasmus	Universite Claude Bernard" Lyon, France Mechanical Design	*2000 – 2001*
Mechanichal Engeneer	University " Transilvania from Brasov " filed of study "Mechanical of Precision"	1999 – 2002

PERSONAL SKILLS AND COMPETENCES

- Effective communication
- Planning and organizing
- Proactive attitude
- Analytical and strategic thinking
- Managing pressure and setbacks

- Customer focus
- Goal-orientated
- Professional conduct and attitude
- Quality focus

- Technical background;
- Outstanding team working
- Positive motivation and attitude
- Driving license, B category
- Radio amateur license

SOFTWARE KNOWLEDGE'S

- MS Office (Excel, Access, PowerPoint, Word, Visio, Project)
- ADS, Cadence - circuit simulation
- Eagle, Desing Spark for pcb desing

- ERP (SAP, GMDS)
- Graphics (Photoshop, Corel)

- PRO/E, Catia, Solidworks, AutoCAD
- C++, Delphi, Python
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LANGUAGES

- English – Fluent (read C2, write C1, speak C1)
- French – Fluent (read B1, write B1, speak B1)
- German – Fluent (read B1, write B1, speak B1)

Publications

- Referat Numărul 1 în cadrul stagiului de doctorat: Modele comportamentale pentru analiza filtrelor BAW (bulk acoustic wave) în domeniul frecvență.
- Referat numărul 2 în cadrul stagiului de doctorat: Compensarea influentelor datorate conexiunilor, în cazul modelelor comportamentale ale filtrelor de putere.
- Referat numărul 3 în cadrul stagiului de doctorat:Indentificarea produselor de intermodulație în cazul filtrelor BAW duplexoare.
- *Ovidiu SilviuTaus, Florin Constantinescu, Alexandru Gabriel Gheorghe*, Compensation of the connection wires influence for a behavioral model of a power BAW filter, 2015 IEEE 21st International Symposium for Design and Technology in Electronic Packaging (SIITME), October 22nd–25th, 2015, Brasov, Romania, WOS:000377765500037.
- *Florin Constantinescu, Ovidiu Taus, Alexandru Gheorghe*, A new behavioral model for frequency domain analysis of power baw filters,13TH INTERNATIONAL CONFERENCE ON ENGINEERING OF MODERN ELECTRIC SYSTEMS (EMES 2015), June 11-12, 2015, Oradea, Romania, WOS:000363815100005, ISBN:978-1-4799-7650-8.
- *Mihai Eugen Marin, Florin Constantinescu, Ovidiu Silviu Taus, Alexandru Gheorghe*, Intermodulationproducts in AlN power BAW duplexer filters, ISSCS 2017, Technical University Iasi, Romania, July 13-14 2017.WOS:000425211500087.
- *Florin Constantinescu, Mihai Eugen Marin, Alexandru Gheorghe, Ovidiu Silviu Taus*, Harmonic balance analysis of home appliances power networks, 2017 14th International Conference on Engineering of Modern Electric Systems (EMES), June 1-2, 2017, WOS:000427085200061.

- *F. Constantinescu, A.G. Gheorghe, M. Nitescu, M. E. Marin, O. Taus*, Behavioral Models of AlN Power BAW Resonators and Filters, International Symposyum on Electrical and Electronics Engineering, Galati, Romania, Invited paper, October 20-22, 2017.

Hobby

• Radio communication	• small RF circuits development for HAM radio	• Photography

Personal projects

- *RF amplifier for 1700 MHz to 2300 MHz* used to determinate intermodulation products on BAW filters.
- *PCB design for BAW filters* used in research projects.
- *Vaccum tube amplifier base on GI7b for Ham applications*- on developement
- *Home automation using Atmel Attiny2312 and Arduino uno board*

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