

# Igor Černjava

Date of birth: 17/11/1982

Nationality: Italian

Current address: -----

Email contacts: -----

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## Summary

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I am curious by nature.

Throughout my career, I kept on learning new technologies and management methods. Broad semiconductors/electronic knowledge and experience in development, engineering, operations, manufacturing, supply chain and quality. Strong customer and result orientation. Focused on Product and Operational excellence, Time to Revenue, Design for Cost Effectiveness and Process optimization.

I find that sharing knowledge is a key for improving oneself. It is fascinating being a coach and mentor. I like thinking out of the box, contributing to new ideas and enjoy new challenging tasks.

I am always willing and able to take on additional responsibilities.

*Specialties: Semiconductors, Electronics, Operations, Manufacturing, Quality, Industrial Strategy, Supplier Management, Contract negotiation, Supply Chain Management.*

## Education

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### Global Executive Master in Operations and Supply Chain

2018 - 2019

MIP Graduate School of Business - Politecnico di Milano

### Master's Degree in Electronic Engineering

2006 - 2009

Università degli studi di Trieste

### Bachelor Degree in Electronic Engineering

2001 - 2005

Università degli studi di Trieste

## Professional Experiences

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u-blox – Trieste, Italy

Aug 2015 – Present

Core Business (Semiconductors, Electronics, IoT, M2M, Automotive, Industrial) – <https://www.u-blox.com/>

Job Title: Senior Production Engineer

- Product technical interface for electrical contract manufacturer (EMS)
- Working with multi-site teams (internal & external, R&D and EMS) to develop, refine and scale data management and analytics procedures, systems, workflows
- Yield optimization and support to yield improvement programs
- Following continuous production monitoring (SPC) and driving new Test Line releases in production
- Performing analysis of test data (MSA) from SMT, final test during NPI and volume production
- Act as Project Leader for manufacturing related improvement programs (Green Belt Six Sigma projects)
- Drive quality programs with respect to cost reduction, quality and yield improvement
- Providing inputs to R&D for production test specification and test concept definition
- Following NPI production phases with close cooperation with R&D

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- Leading ramp-up phase of new products at EMS production site
- Following Automotive customer audits for all manufacturing related topics (VDA questionnaires')
- Supporting Quality team in Failure Analysis (FA – 8D reports) in case of RMA's
- Delivered strategic presentations and data analysis for senior management
- Supervising 2 junior and 1 senior team member

**NXP Semiconductors – Graz, Austria**

**Jul 2012 – Aug 2015**

**Core Business (Semiconductors, Electronics, Automotive, NFC, Industrial) – <https://www.nxp.com/>**

**Job Title: Product Quality Engineer, Project Manager, Verification & Validation Lead Engineer**

- Coordination of all technical and management activities on assigned NPI projects
- Plans, schedule and engineering work; monitoring work for approvals from certified bodies, ensuring effective communication and coordination between all disciplines and the project team.
- Taking responsibility for project deliverable and specifying project milestones. Actively driving all the project phases from requirement definition and voice of the customer to release to production and obsolescence plans of previous product families.
- Product ownership in supply chain after release
- Support the ramp-up of new products
- Tracking and reporting of product performance with respect to cost and quality
- Product improvements in view of cost reduction, quality increase and technical related issues
- Leading a small team of engineers, working in a team-oriented environment and interacting with engineers from other design disciplines

**Telit – Trieste, Italy**

**Aug 2010 – Jul 2012**

**Core Business (Electronics, IoT, M2M, Automotive, Industrial) – <https://www.telit.com/>**

**Job Title: Test Engineer**

- Development of test platforms for M2M/IoT radio frequencies devices for testing in production
- Managing NPI and MP project phase at electrical contract manufacturer (EMS)
- Act as technical interface for electrical contract manufacturer
- Delivered strategic presentations and data analysis for senior management

**Elimos srl – Trieste, Italy**

**Feb 2008 – Jul 2010**

**Core Business (Healthcare, Industrial Automation) – <https://www.areasciencepark.it/>**

**Job Title: Embedded System Engineer**

- Firmware development
- Software development
- PCB design

**Trainings/Certifications**

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- Green Belt Six Sigma Certification - ASQ certified
- Project Management – basic training
- Project Management – advanced training – PMI certification under preparation
- DFM training
- FMEA training
- ISO/TS 16949 - Quality Management System
- IPC Seminar - Producing Rigid Printed Board Assemblies
- Machine Learning training
- Nanometer CMOS ICs ( <http://www.bitsonchips.com/> )
- CMOS process technology (C035, C027, C021, C014)
- Verilog / Verilog-A / Verilog-AMS

## Languages

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(Italian): Mother tongue

(Slovenian): Mother tongue

(English): Fluent

(German): Good

(Serbian/Croatian): Basic

## IT Skills

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Good knowledge of different programming languages (HDL/RTL/Verilog, C/C++, DB SQL, Python, R)

Good knowledge of data analysis tools and methodologies

Good knowledge of Office Suite

Good knowledge of Microsoft Project

Basic knowledge of SAP and ERP/MRP tools

Basic knowledge of Linux OS

## Additional Information

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