

Massimo Zannoni

Squarestreet, 1
0000 Zürich
CH

myemail@someservice.abc | +00 11 22 33 44

00.00.1900 | Italian | Male



Working Experience

Analog Design Engineer

Insightness AG

2017 – current

Max-Högger-Strasse 6, 8048 Zürich, CH

Image Sensors / Computer Vision

- ◇ Analog IC design in CMOS technology
 - Event-Based Image Sensor
 - 3D-IC
- ◇ Project leading for analog design
- ◇ Optical and electrical characterization
- ◇ IT and network infrastructure maintenance

Design Engineer

GigOptix-Helix AG (subsidiary of GigPeak, Inc.; now IDT, Inc.)

2013 – 2017

Seefeldstrasse 45, 8008 Zürich, CH

Optoelectronics

- ◇ High-speed Analog IC design in BiCMOS technology
 - 28 Gbit/s TIA receivers and VCSEL drivers
- ◇ RF and optical measurement
- ◇ Customer support, production support and RMA analysis

Thesis Worker

ABB AB Corporate Research Center

July 2012 – December 2012

Forskargränd 7, 722 26 Västerås, Sweden

Power Technology Dept., Electric Power System Group

- ◇ Semiconductor device modeling
- ◇ Power Electronics

Education

MSc in Electronic Engineering

Università degli Studi di Parma, Italy

2009 – 2013

Faculty of Engineering

Analog/Digital IC Design, Semiconductor Physics, Sensor Technology, Power Electronics

- ◇ Thesis: *PSpice Modeling of 4.5 kV StakPak™ Modules*
- ◇ Grade: 107/110

BSc in Electronic Engineering

Università degli Studi di Parma, Italy

2005 – 2009

Faculty of Engineering

Electronics, Electrotechnics, Information Technology, Controls, PCB Design

- ◊ Thesis: *Experimental Characterization of a Magneto-hydrodynamic Micro-Stirrer*
- ◊ Grade: 108/110

Personal Skills and Competences

Languages

Italian: Native
English: Fluent
German: Beginner/Intermediate

See Common European Framework (CEF) self-assessment table in the appendix.

Technical Skills and Competences

- ◊ Analog IC Design
- ◊ 3D-IC
- ◊ Project leading and work coordination
- ◊ Full-custom analog IC layout
- ◊ RF and optical measurements
- ◊ Attitude to solve practical problems where limited standardization exists
- ◊ Data analysis and elaboration
- ◊ Frequently switch between different kinds of task
- ◊ Clearly describe design issues before organization employees
- ◊ Hand-working: good familiarity with tools and instruments for building electronic systems; basic skills in the use of main mechanic hand tools and power tools

Computer Skills and Competences

Operating Systems: Linux: very good knowledge
Microsoft Windows: good knowledge

Electronic CAD: Cadence DFII (Virtuoso, Spectre), Mentor TannerTools, Mentor Calibre, SPICE, Cadence OrCAD (PSpice), Cadence SoC Encounter, Agilent ADS

Programming: Python, C/C++, Matlab/Octave, shell scripting, VHDL, Verilog/VerilogA, L^AT_EX

Version Control: Git, Subversion, ClioSoft SOS

Other Skills and Competences

- ◊ Good photo-editing and computer drawing skills
- ◊ Basic sound engineering skills
- ◊ Swiss Driving License: Category A and B

Personal Interests

- ◊ Love for traveling
- ◊ Photography
- ◊ Archery
- ◊ Ultimate Frisbee
- ◊ Guitar player (formerly in an amateur rock band)

Annexes

- ◊ Appendix including publications, references and main projects developed during studies
- ◊ Reference letter by former manager available upon request
- ◊ Personal website: <https://www.fotobill.com>