

MICHAL SVOBODA

Born on 03.11.1988

Czech citizenship

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<https://michsvob.github.io/Portfolio/>

Nürnberg



WORK EXPERIENCE

- 11/2017 – now** **Process engineer at ETO Sensoric**
Electronic manufacturing in Nürnberg
- Responsible for production processes Wire Bonding, Bond Testing and Encapsulation
 - Providing long term solutions for daily problems
 - Statistical production data evaluation (SPC, Cpk...)
 - Investments to new production facilities - from the idea to realisation
 - Planning and evaluation of experiments
- 1/2015 – 10/2017** **Process engineer at ABB Semiconductors**
Power semiconductor manufacturer in Prague
- Set-up and improvement of production processes
 - Development of power modules packaging technologies
 - Leading several investments to production equipment
 - Programming of applications (VBA, R, Python)
 - Process mapping
- 1/2014 – 12/2014** **Technologist at Prakab**
Cable manufacturer in Prague
- Product engineering
 - Technical support of customers and foreign trade department
 - Management of technical documentation
 - Optimization of production
 - Internal auditing (ISO 9001, ISO 14001, OHSAS 18001)
- 7/2013 – 10/2013** **Research scholarship at A*STAR**
Agency for Science, Technology and Research in Singapore
- Analysing life cycle impact of electric vehicles
 - Data analysis and modelling (Wolfram Mathematica, MS Excel)

STUDIES

2011 – 2013	Czech Technical University in Prague Dipl. Ing. Electrical Engineering, Power Engineering and Management Focus: Power engineering, power electronics, electronic industry (technologies, quality management) Graduated with honours (GPA 1.3)
2011 – 2012	Graz Technical University Erasmus scholarship for 2 semesters
2008 – 2011	Czech Technical University in Prague Bc. Electrical Engineering and Informatics Focus: Electrical engineering, programming, mathematics Graduated with honours (GPA 1.5)

INTERESTS

Data science	Coursera online courses in R and Python (e.g. regression models, machine learning, cleaning data...)
Membership	Orchester-Gemeinschaft Nürnberg Alumni of Czech Technical University in Prague
Sport	Cycling, basketball, swimming

IT SKILLS

Office applications	MS Office (Word, Excel, PowerPoint, Sharepoint), SAP
Programming	R, Python, VBA, SQL, Wolfram Mathematica, Java
CAD	AutoCad, FreeCad
Statistical SW	Minitab

LANGUAGES

Czech (mother tongue), English (C1), German (C1), Slovak (C1), Spanish (A2)

28. March 2019