


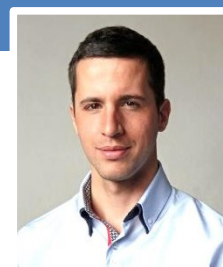


Jan Netopil

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WORK EXPERIENCE

01/2021 - present

Vision System Programmer

Tyco Electronics Czech s.r.o., Kurim

- development, programming and testing vision systems for automatic measurement and detection in automotive industry
- programming applications in Cognex Designer and C#
- programming AI and image processing algorithms in Python (OpenCV, TensorFlow, Keras)
- design vision systems (components selection: camera, lens, lightning, SW algorithms, calibration)

01/2017 - 12/2020

System Engineer

Honeywell International s.r.o., Brno

- model based development of flight control systems for aircraft C919
- system and software V&V in MATLAB and Simulink according internal and customer requirements
- international backup technical lead, technical lead (2018 - 2020) for V&V (cooperation with teams in India, China, Czech Republic and USA)

07/2016 - 10/2016

Sales representative

Hospimed, spol. s r.o., Praha

- presentation of endoscopy, customer service
- participation at trade fairs, professional exhibitions, training courses
- technical consultancy, preparation of technical documentation and offers

06/2013 - 07/2013

Practicum – Research technician

Institute of Scientific Instruments of the ASCR, Brno

- research data analysis, Ultra-high-frequency ECG literature review

09/2008 - 10/2012

Sales representative

JR-Surfshop, Brno

- sale of products, communication with distributors, products presentation at BVV Trade Fairs Brno (SPORT Life), e-shop administrator, photography

EDUCATION AND TRAINING

06/2014 - 06/2016

Master's degree in Biomedical Engineering and Bioinformatics

Faculty of Electrical Engineering and Communication, BUT

- advanced analysis of biomedical signals, image processing,

- artificial intelligence, bioinformatics, medical information systems
- advanced methods in biostatistics, microscopic imaging techniques
- diploma thesis: Optical methods of gesture recognition

07/2011 - 06/ 2014

Bachelor's degree in Biomedical technology and Bioinformatics

Faculty of Electrical Engineering and Communication, BUT

- bachelor's thesis: Electrooculogram based text Comprehensibility Evaluation (third place in the 20th Student EEICT conference and competition)

07/ 2008 - 02/2011

General Medicine, Faculty of Medicine, Masaryk University, Brno

09/ 2004 - 06/ 2008

Grammar school, Brno, trida Kapitana Jarose 14

Courses

- Complementary pedagogical studies (2015, Final State Examination)
- Vienna Summer School for Assistive Technology (2015, July)
- ICRC Clinical Research Seminar (2015)
- IX. International Congress of Telemedicine Brno 2013

PERSONAL SKILLS

Languages

- Czech – mother tongue
- English – B2
- German – A1
- French – A1

Computer skills

- knowledge of Python (OOP, OpenCV, TensorFlow)
- solid knowledge of MATLAB, Simulink
- knowledge of C#, C++, HTML, CSS
- elementary command of Statistica, R, LabVIEW,
- good command of MS Office, Adobe Photoshop, Fusion 360, 3D printing

Other skills

- Six Sigma – green belt
- hard-working, stress resistant, team worker, problem solving, creative

Licenses

- driving license - B, private pilot license PPL

OTHERS

Interests

- development of electrical surf
- photography, sport flying, windsurfing, hiking, inline, martial arts