

Jiří BOROVEC

Curriculum vitae

WORK EXPERIENCE

OCT 2011 – NOW

CMP, Czech Technical University in Prague, Czechia
Researcher

Developing methods for segmentation and registration of histological sections. Publication on international conferences.

MAR – AUG 2017

NII, Tokyo, Japan
Researcher [visiting]

Image segmentation and Atomic pattern Dictionary Learning for gene extractions - Drosophila microscopy images.

JAN – JUN 2016

SPACEKNOW Inc., Prague, Czechia
Data Scientist

Research & image analytics, design of machine learning algorithms and cloud solutions for analytics of satellite imagery, <http://spaceknow.com>.

OCT 2011 – JUN 2016

FEE, Czech Technical University in Prague, Czechia
Teaching assistant

Preparing lectures and teaching of laboratories of subjects: Imaging systems in medicine, and Dynamic and robot control.

FEB – DEC 2015

Global Business Services, IBM, Prague, Czechia
Consultant & Data specialist

Analyses and consulting business solution in domain Data analyses, Machine learning and Image processing. Participation on design and developing IVF and data-mining solution.

JUL – NOV 2012

CIMA, Pamplona, Spain
Researcher [visiting]

Development of segmentation and registration of microscopy images in histology. Publication on international ISBI conference.

MAR – AUG 2011

IRIT, Toulouse, France
Researcher [intern]

Project: Navigation Assistée par Vision embarquée et GNSS (NAVIG). Multidisciplinary project aiming to increase the autonomy of visually impaired people in a primordial and particularly problematic actions. Data fusion for localise blind people; prototyping in Python.



www.linkedin.com/in/jirkaborovec

EDUCATION

NOW **Czech Technical University in Prague**
DOCTORAL: MEDICAL IMAGING
Prague, Czechia

NOW **MOOC platforms**
Coursera.org, edX.org, Udacity.org

2011 **Université Paul Sabatier in Toulouse & Technical University of Liberec**
MASTER: INTELLIGENT SYSTEMS
Toulouse, France & Liberec, Czechia

2008 **Technical University of Liberec**
BACHELOR: COMPUTER SCIENCE
Liberec, Czechia

SOFTWARE SKILLS

PROGRAMMING Python, Java, C/C++

FRAMEWORKS scikit-learn, scikit-image, ImageJ, OpenCV, OpenGL

PLATFORMS Matlab, Mathematica

WEB TECH. PHP, MySQL, (X)HTML

AWARDS

2016 **best paper**
MCMIAA workshop ACCV, Taipei, Taiwan

2013 **price**
Poster, student conference, Prague, Cz

ADDITIONAL ACTIVITIES

2014–2015 **Project Manager**
SKPR - Student Club for Project management, Prague, Czechia

2012–2015 **Coordinator & member**
International student club (ISC) at CTU, Prague, Czechia

2008–2009 **President & member**
Dormitory council of TUL (KR TUL), Liberec, Czechia

COMMUNICATION SKILLS

CZECH Native speaker

ENGLISH Upper-Intermediate

FRENCH Intermediate