Europass Curriculum Vitae



Personal information

First name(s) / Surname(s)

Ing. Adam CHROMÝ, Ph.D.

Address(es)

Jundrov 570, 637 00 Brno, Czech Republic

Telephone(s)

+420 776 627 692

E-mail

chra@adamna.net

Nationality

Czech

Date of birth

24.06.1988

Gender

Male

Education and training

2013 - 2017

ISCED 844

Title of qualification awarded

higher education, Doctoral programme (PhD)

Principal subjects/occupational skills

Cybernetics, Control and Measurements – Electrical Engineering and Communication Thesis title: "High Resolution Multi-spectral 3D Scanning and its Medical Applications"

Name and type of organisation providing education and training Brno University of Technology, Antonínská 1, 602 00 Brno

Level in national or international

public higher-education institution

classification

Dates

2011 - 2013

Title of qualification awarded

higher education, Master's degree programme (Ing.) - passed with honour (red diploma)

Cybernetics, Control and Measurements - Electrical, Electronic, Communication and Control Technology Thesis title: "3D Scanning with Proximity Planar Scanner", development of 3D scanner for medicine

Principal subjects/occupational skills

(awarded with Dean's Award)

Name and type of organisation providing education and training Brno University of Technology, Antonínská 1, 602 00 Brno public higher-education institution

Level in national or international

ISCED 747

classification

Dates

2008 - 2011

Title of qualification awarded

higher education, bachelor's degree programme (Bc.) - passed with honour (red diploma)

Principal subjects/occupational skills covered Automation and Measurement – Electrical, Electronic, Communication and Control Technology Thesis title: "Thermal mass flow-meter heating element control algorithms", innovation of measuring

device for external company

Name and type of organisation providing education and training Brno University of Technology, Antonínská 1, 602 00 Brno public higher-education institution

Level in national or international

ISCED 645

classification

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CHROMY Adam

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Work experience

January 2016 onwards Dates

Occupation or position held

Name and address of employer

Teacher and researcher

Main activities and responsibilities

Research of medical applications of robotics and multi-spectral scanning of body surface in high

resolution. Lector of subjects: Discrete Systems, Microprocessors and Robotics.

616 00 Brno

Type of business or sector

Electrical Engineering, information technologies, Education

Dates July 2011 onwards

Occupation or position held Researcher - specialist i robotics

Main activities and responsibilities Research in domain of data fusion from proximity planar scanners, thermovision and CCD cameras

and its applications in medicine

Name and address of employer Central European Institute of Technology (CEITEC), Brno University of Technology, Technická 10,

616 00 Brno

Type of business or sector Electrical Engineering + Information technologies

> Dates January 2007 onwards

Occupation or position held Independent programmer (freelancer)

Main activities and responsibilities Custom-made software programming, programming of web pages

Adam Chromý, Jundrov 570, 637 00 Brno Name and address of employer

Type of business or sector Information technologies

> Dates January 2007 onwards

Occupation or position held Independent cartographer (freelancer)

Main activities and responsibilities Custom-made special maps (in Czech Republic, Norway, Austria, France)

Name and address of employer Adam Chromý, Jundrov 570, 637 00 Brno

Type of business or sector Cartography

> December 2013 - December 2015 Dates

Researcher Occupation or position held

Main activities and responsibilities Research of robotic medical imaging modalities

Name and address of employer Fakultní nemocnice u sv. Anny v Brně - ICRC, Pekařská 53, 659 61 Brno

Electrical Engineering, information technologies, medical devices Type of business or sector

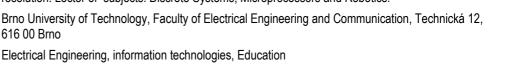
> **Dates** September 2010 - March 2011

Occupation or position held Independent inovator of existing device

Main activities and responsibilities Analyze device's processes and design changes which should optimize its operation

Name and address of employer Jirí Kucera - EMS Brno, Turistická 5, 621 00 Brno

Type of business or sector Electronic measuring devices



VYSOKÉ UČENÍ



adamna.net

adamna.net





Personal skills and competences

Mother tongue(s)

Czech

Other language(s)

Self-assessment

European level (*)

English French

Understanding				Speaking				Writing	
	Listening		Reading		Spoken interaction		Spoken production		
B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user
A1	Basic user	A2	Basic user	A1	Basic user	A1	Basic user	A1	Basic user

(*) Common European Framework of Reference for Languages

Social skills and competences

- team spirit;
- good communication skills gained through my international sport career in orienteering.

Organisational skills and competences

- good experience in project or team management (currently responsible for team of 4 programmers);
- very good organizing skills (annually organizing several sport competitions with team of more than 200 volunteers, organizing important orienteering competitions, including World Championships);
- workshops: Modern Project Management, Project Management Course, Project Management in a Nutshell

Technical skills and competences

- very good skills in web-pages developing, incl. web-based applications (XHTML, PHP, CSS, XML JavaScript), acquired through my work as freelancer;
- good programming skills in several programming languages (C, C++, C#, DELPHI), acquired through my work as freelancer and school trainings;
- experienced in VHDL programming; acquired through training;
- experienced in multi-spectral optical 3D scanning of body surface in high resolution, acquired through research activities;
- very experienced in producing special orienteering maps acquired through my work in various countries at many mapping projects;
- experiences with other programming languages (Java, Assembler), acquired through training;
- experiences with microcontroller programming (Motorola, Atmel), acquired through training.

Computer skills and competences

- very good command of various PC applications including MATLAB, AutoCAD, OCAD, various web and software-developing tools (Visual Studio, Borland tools etc.), graphic editors, etc;
- very good skills in PC managing (installation of software, upgrading hardware, network configuration etc.)

Other skills and competences

- orienteering at top level, member of Czech National team;
- coach of Czech Youth Orienteering Team;
- trekking, adventure sports, cycling, swimming, running, and many other sports.

Driving licence

Category B, since 2006

Additional information

References and results of my work and sport career could be found at my personal web-page: http://www.adam-chromy.cz