
Curriculum Vitae

Personal information

First name(s) / Surname(s) **Velitchko Filipov**
Address Leibnizgasse 35/17, 1100 Vienna (Austria)
Mobile +43 680 444 9425
E-mail(s) velitchkofilipov@gmail.com, velitchkofilipov@tuwien.ac.at
Nationality Bulgarian
Date of birth 18 August 1988
Gender Male

Work experience

Dates 09 August 2006 - 31 August 2006
Occupation or position held Web/Graphics Designer
Name and address of employer Domino Beteiligung GmbH
Bulgaria (Sofia)
Dates 11 February 2006 – 4 May 2007
Occupation or position held Web/Graphics Designer
Name and address of employer BMC Business Consult
Bulgaria (Sofia)
Dates 01 July 2008 - 31 August 2008
Occupation or position held Web/Graphics Designer
Name and address of employer Bianor
Bulgaria (Sofia)
Dates 07 July 2009 - 07 September 2009
Occupation or position held Web/Graphics Designer
Name and address of employer Bianor
Bulgaria (Sofia)
Dates 01 April 2012 - 01 May 2012
Occupation or position held Game Engine Developer

Name and address of employer | J.E. Thomson Advisor's
Austria (Vienna)

Dates | 2012-2014

Occupation or position held | Intern / Junior Researcher

Name and address of employer | Crocotta R&D Ltd.
United Kingdom (Cambridge)

Dates | 2015-2016

Occupation or position held | Junior Web Developer

Name and address of employer | codeQ
Austria (Vienna)

Dates | 2017 – (ongoing)

Occupation or position held | Ph.D. Candidate

Name and address of employer | Technical University of Vienna
Austria (Vienna)

Education and training

Principal subjects / occupational skills covered | Introduction to programming
Algorithms and data structures
Advanced Algorithms and data structures
Object-oriented programming
Software Engineering
Computer Graphics
Pattern Recognition / Digital Image Processing
Distributed Systems Computing
Interface & Interaction Design / User Interface Design
Usability Engineering
Advanced Computer Graphics
Web Engineering
Information Retrieval
Visualization
Augmented Reality
Physically-based Rendering
Real-time Rendering
Experimental online course for Artificial Intelligence (Stanford University, USA)
(Professors: Sebastian Thrun, Ph.D.; Peter Norvig, Ph.D.)
Czech-Austrian Summer School 'Deep Learning and Visual Data Analytics'

Dates | 2017 → (ongoing)

Name and type of organisation providing education and training | Technical University of Vienna (Ph.D.)
Vienna (Austria)

Dates | 2012 → 2017

Name and type of organisation providing education and training | Technical University of Vienna (M.Sc.)
Vienna (Austria)

Dates | 2007 - 2011

Name and type of organisation providing education and training | Technical University of Vienna (B.Sc.)
Vienna (Austria)

Dates | 15 September 2002 - 30 June 2007

Name and type of organisation providing education and training | Gymnasium with intensive German language study „Vladislav Grammatik“(Gymnasium)
Sofia (Bulgaria)

Dates | 15 September 1998 - 30 June 2002

Name and type of organisation providing education and training: Comprehensive school „ Italian College “, „Maria Montessori “ Sofia (Bulgaria)

Dates: 01 September 1993 - 30 June 1998

Name and type of organisation providing education and training: Stillmeadow Elementary School Stamford, CT (USA)

Personal skills and competences

Mother tongue(s): **Bulgarian**

Other language(s):

Self-assessment
European level (*)

English
German
Russian

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user
C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user
A1	Basic User	A1	Basic User	A1	Basic User	A1	Basic User	A1	Basic User

(*) Common European Framework of Reference (CEF) level

Social skills and competences: - Work well in a team
- Easily adapt in international environment, thanks to my experience abroad
- Tolerance, Open mindedness, Creativity
- Strong human relations, public speaking, writing and motivational skills.
- Ability to conceptualize and communicate concepts.

Organisational skills and competences: - Leadership skills
- Experience in leading teams and projects in the university
- Endurance, Team Spirit, Correctness
- Efficient work under stress

Computer skills and competences: Excellent Computer Skills

Excellent command of following operating systems:
Windows, Mac OS X, GNU/Linux;

Excellent command of:
MS Office (Word, Excel, PowerPoint, etc.)
OpenOffice.org
LibreOffice

Good Command of following programming languages:
C/C++, Java SE(ME), XML, SQL (MySQL, HyperSQL), HTML (5), CSS (3), JavaScript, SMIL, WebGL, OpenGL, Actionscript3(beginner), PHP(beginner), MATLAB(beginner), JSF/JSP(beginner), AJAX(beginner). TypeScript

Excellent command of graphic design applications:
Full Adobe Master Suite (including Photoshop, Illustrator, InDesign, Flash, Fireworks etc.)
GIMP (for GNU/Linux).

	Balsamiq Mock-ups(Tool for Mock-ups)
Artistic skills and competences	Photography Creative & Innovative Graphic Design
Other skills and competences	System/Network Administrator in hostel
Driving licence(s)	B
Additional information	<p>Projects from the Technical University of Vienna</p> <p>*) Software Projects</p> <p>Software for Market Sales</p> <p>Software for selling tickets for media events</p> <p>Java based Rendering Pipeline</p> <p>Distributed System for execution of Computational Tasks</p> <p>Mobile Payment System</p> <p>Web based time and project management tool</p> <p>3D Web Music Visualization</p> <p>Multiple Brochures, Posters, Infographics, Website mock-ups (websites)</p> <p>Other Projects:</p> <p>*) Geolocation based service for online dating</p> <p>*) 'What is Universe?' Online Magazine – http://www.whatisuniverse.com/</p> <p>*) Computer Game – Soviet Rush (University Project)</p> <p>*) 3D Ring Configurator - http://konfigurator.feichtinger.biz/</p> <p>*) CV{2} – Electronic CV Builder (University Internship)</p> <p>*) CV{3} – Visual tool for comparing CV's (University Master Thesis Project)</p>