Europass
Curriculum Vitae

Personal information

Name / Surname	**Hopfer Benjamin**
Address	Weinitzen, Austria
Personal Email	contact@benjaminhopfer.com
Nationality	Austria
Date of birth	21.2.1984
Gender	male

Education and training

Dates	Oct. 2008 – Jan. 2012
Title of qualification awarded	Master of Science (Computer Science), **with distinction**
Name and type of organisation providing education and training	Graz University of Technology

Dates	Oct. 2004 – Oct. 2007
Title of qualification awarded	Bachelor of Science (Computer Science), **with distinction**
Name and type of organisation providing education and training	Graz University of Technology

Dates	Sep. 1998 – Jun. 2003
Title of qualification awarded	General qualification for university entrance and professional training, **with distinction**
Name and type of organisation providing education and training	Higher technical education institute for Mechanical Engineering Graz-Gösting (HTL Graz-Gösting Abteilung für Maschineningenieurwesen).

Work experience

Dates	May 2014 – now
Occupation or position held	Freelancing as a location independent Software Developer
Main activities and responsibilities	– **R&D for 3D data processing and visualization** in dental technology Technologies Desktop: **Modern C++, Qt, vtk**, PCL, Ceres, Processing Technologies Web: **C#.net**, Azure, Entity Framework Technologies DevOps: **Modern CMake, Visual Studio**, Powershell, git, XCode – Regular assistance at Grazer Wechselseitige (see next experience) Technologies: **C#.net, Sql**
Type of business or sector	Dental technology, Insurance

Dates	May 2006 – Okt. 2007 and Aug. 2008 – Feb. 2014
Occupation or position held	Software Developer and Tester
Main activities and responsibilities	– Testing and development of software for the company and its foreign subsidiaries – Development of a new calculation core for life insurances. After my studies, I worked full time to **replace three existing calculation cores** with mine. – Main technologies: **C#.net, Sql**, SQLCe, Web APIs, VPMS, Excel/VBA
Name and address of employer	Grazer Wechselseitige Versicherung AG, Herrengasse 18-20, A-8011 Graz
Type of business or sector	Insurance company, Life insurance math department
Dates	Sep. 2010 – Jan. 2012
Occupation or position held	Scientific Software Researcher
Main activities and responsibilities	– 3D data processing and visualization for my diploma thesis (service contract) – Creation of a novel algorithm for analyzing large air flow CFD data sets – **Best Thesis Award** by Fraunhofer Institute for Computer Graphics Research IGD – Main technologies: **C++, vtk, LaTeX**, Paraview, Qt
Name and address of employer	VIRTUAL VEHICLE Research Center, Inffeldgasse 21a, A-8010 Graz
Type of business or sector	Automotive Research Center
Dates	Dec. 2007 – Jul. 2008
Occupation or position held	Junior Functional Tester
Main activities and responsibilities	– Develop and execute software test scenarios for a major Global Markets banking application (J/Rates). – Hired as Junior Functional Tester, but quickly assigned tasks for **Senior Functional Testers** (responsible for the whole interest rate derivatives branch). – Main technologies: IBM Rational Functional Tester, SQL, VBA
Name and address of employer	elan.it, Avenue Louise, 523, 1050 Bruxelles, Belgium
Type of business or sector	IT&T recruitment consultancy
Working for	IBM SkillTeam/Fortis Bank
Projekt Managers	Laure Vandermeiren, Jean-Louis Herman

Personal skills and competences

Mother tongue: **German**

Self-assessment
European level[*]

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
C1 Proficient user	C2 Proficient user	C1 Proficient user	C1 Proficient user	C2 Proficient user

English

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

Technologies:	(Modern) C++, C#.net, Qt, vtk, Powershell, Matlab, VPMS, Sql, LaTeX
Software Engineering:	OO, Design Patterns, Web Technologies, Visual Studio, git
Scientific Computing:	3D data processing, algorithm development
Software Testing:	Both as developer and part of a separate test team
Mechanical Engineering:	General mechanical engineering, CAD systems, FEM
Soft skills	Highly social, good communicator, fast learner
Recreation	Volleyball, Reading, Traveling, Snorkeling/Diving