



Europass Curriculum Vitae

Personal information

Surname(s) / First name(s)

Address(es)

Email(s)

Nationality(-ies)

Date of birth

Gender

Hopfer Benjamin

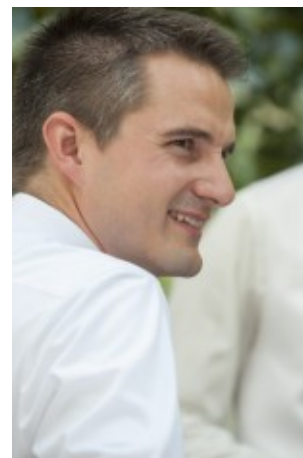
Haż-Żebbuġ, Malta

contact@benjaminhopfer.com

Austria

21.2.1984

male



Education and training

Dates

Title of qualification awarded

Name and type of organisation
providing education and training

Oct. 2008 – Jan. 2012

Master of Science (Computer Science), **with distinction**

Graz University of Technology

Dates

Title of qualification awarded

Name and type of organisation
providing education and training

Oct. 2004 – Oct. 2007

Bachelor of Science (Computer Science), **with distinction**

Graz University of Technology

Dates

Title of qualification awarded

Name and type of organisation
providing education and training

Sep. 1998 – Jun. 2003

General qualification for university entrance and professional training, **with distinction**

Higher technical education institute for Mechanical Engineering Graz-Göding (HTL
Graz-Göding Abteilung für Maschineningenieurwesen).

Work experience

Dates

Occupation or position held

Main activities and responsibilities

Type of business or sector

May 2014 – now

Freelancing as a location independent Software Developer

– Setup, design, and development of 3D processing and visualization software for
a company in dental research.

Main technologies: C++, vtk, QT, PCL, Ceres, Paraview, git

– Advancing my own software projects and skills

Main technologies: Android, C#.net, Web technologies

Dental research, Mobile App Development, Web Development

Dates
Occupation or position held
Main activities and responsibilities

May 2006 – Okt. 2007 and Aug. 2008 – Feb. 2014

Software Developer and Tester

- 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, XML, Web services, VPMS, Excel/VBA

Name and address of employer
Type of business or sector

Grazer Wechselseitige Versicherung AG, Herrengasse 18-20, A-8011 Graz

Insurance company, Life insurance math department

Dates
Occupation or position held
Main activities and responsibilities

Sep. 2010 – Jan. 2012

Scientific Software Researcher

- 3D data processing and visualization for my diploma thesis (service contract)
- Creation of a novel algorithm for visualizing large air flow CFD data sets
- **Best Thesis Award** by Fraunhofer Institute for Computer Graphics Research IGD
- Main technologies: C++, vtk, Paraview, QT, ~~TeX~~

Name and address of employer
Type of business or sector

VIRTUAL VEHICLE Research Center, Inffeldgasse 21a, A-8010 Graz

Automotive Research Center

Dates
Occupation or position held
Main activities and responsibilities

Dec. 2007 – Jul. 2008

Junior Functional Tester

- 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
Type of business or sector
Working for
Projekt Managers

elan.it, Avenue Louise, 523, 1050 Bruxelles, Belgium

IT&T recruitment consultancy

IBM SkillTeam/Fortis Bank

Laure Vandermeiren, Jean-Louis Herman

Personal skills and competences

Mother tongue(s)

German

*Self-assessment
European level^(*)*

English

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

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

Main Technologies:
Software Engineering:
Scientific Computing:
Software Testing:
Mechanical Engineering:
Soft skills
Recreation

C#, C++, QT, vtk, ParaView, Matlab, Java, Android, VPMS, PHP, SQL, C, VB, ~~TeX~~
OO, Design Patterns, Web Technologies, Visual Studio, Eclipse, TFS, SVN, git
Strong experience in CFD data set processing, image processing, computer graphics
Both as developer and part of a separate test team
General mechanical engineering (mechanics, fluid mechanics), CAD systems, FEM
Highly social, team player, good at communicating ideas, fast learner
Volleyball, Traveling, Snorkeling/Diving