



# Hermann Klocker-Mark

Mag. Dr. rer. nat.

## Summary

Seasoned user, teacher, instructor and trainer in a secondary school with more than 16 years of experience in fast-paced e-learning/technology in the classroom solutions, teacher for 25 years. Excellent teaching and technical skills in Mathematics, Computer Science and German Language. A fluent speaker and writer in German and English, an eager learner with basic knowledge of Italian. Track record of achieving exceptional results in my school as well as in commercial projects as a freelancer.

## Selected Skills and Accomplishments

### Educational Area

#### *Implementing e-learning at BG/BRG Reutte (secondary school 12-18): 2000-2010*

- Implementing e-learning in our school for all subjects and teachers by teaching basic and advanced skills, didactics and supporting teachers; head of the committee.
- Develop cooperation between schools by organizing e-learning centered projects together with other schools in our district

#### *Teaching STEM for students with laptops: 2000-*

- Using Moodle/Mahara and Geogebra/Excel to build a blended learning experience in Mathematics
- Using various programming environments including mobile phones and roboters to teach programming skills at all levels in Computer Science

#### *Teaching German Language and Literature using blended learning approach: 2009-*

### Technical Area

#### *Creating a technical infrastructure for e-learning at BG/BRG Reutte: 2000-2010*

- Starting with 28 computers in 2 rooms building and supporting 115 computers in rooms for pupils and teachers and rooms with laptops and whiteboards.
- Designing and implementing the necessary servers, network devices (wired and wireless) and workstations.
- Creating a CMS-powered Website for our school combining internal service and cooperation and external presentation possibilities.

### Additional Skills

- Freelance as applied mathematician and programmer.
- (Slow-)Food-Blogger for more than three years

## Profile

Born on 25th April 1964 in Lienz; Austrian Citizen. Married, one daughter (1999).

## Experience

### **Creation of small e-commerce-solutions for entrepreneurs**

Support of design, implementation and operation of e-shop-solutions for startups.

### **IT-Manager at BG/BRG Reutte - 2000-2010**

Technical and Educational Manager for e-learning.

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**Teacher for Mathematics, Computer Science and German Language at BG/BRG Reutte, 1991-**

Teaching at primary and secondary level.

**Freelance at Plansee AG Reutte, 1998-**

After my Thesis working with the Simulation Department (FEM-Software, Mathematica-Programmierung) - about 70 projects.

**CEO Akiba Computers, 1989-1991**

Selling and supporting specialised solutions for Architects and Surveyors.

**Teaching at WIFI Innsbruck, 1983-1987**

Education and Training for Adults (computer and application usage).

**Freelance Software Engineering Muigg, 1984-1987**

Programmer and Application-Developer for SMEs.

References available on request.

**Education**

**Certification as ePICT-mentor (finished in 2009) and ECDL-auditor (since 2001)**

**Ph. D. Thesis 1993-1998**

Plansee AG/Applied Physics, University of Innsbruck

**Master: Teacher for Mathematics and German Language 1982-1991**

University of Innsbruck

**Secondary School in Landeck und Telfs - 1974-1982**

**Primary School 1974-1982**

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