

# curriculum**vitae**

**harald tobler**  
software engineer

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# education background

- 2000 - 2004** **Mediatechnology and -design**  
at University of Applied Sciences Hagenberg, Upper Austria  
**Master Thesis** about Adaptive Audio  
“CRML - Implementierung eines adaptiven Audiosystems”
- 1991 - 1999** Bundesrealgymnasium Neunkirchen (Grammar School)

# language skills

- English** 8 years grammar school
- French** 4 years grammar school

## language courses

- 1998** Cannes (F), 1 week
- 1997** Woking (GB), 3 weeks
- 1994** Plymouth (GB), 1 week

# work experience

**2010 - now** **Freelancer**, Software Engineer, Hamburg

Responsive Web Apps, Mobile Apps, Webspecials, Interactive Applications for clients like Mercedes-Benz, Volkswagen, Vodafone, Otto, Tesa, RWE... at agencies like SinnerSchrader, Jung von Matt, DDB Tribal, Hey Now...

**2008 - 2010** **bwin Interactive Entertainment GmbH**, Vienna

Working as part of the Flash Department mainly concentrating on the LiveBetting application - a highly dynamic Flex application covering 180.000 lines of code including features like live video streams and Flash Media Server based chat. The app supported 3 different skins covering more than 40 sport types and up to 160 live events per day with up to 150 bet options for each event. Statistics showed up to 60.000 distinct users a day and up to 3.000 bets per second.

**2004 - 2008** **Yellowfish GmbH**, Vienna

A 5-person-company working on many unique digital visualisation projects with me doing user interface-design and implementation.

**2003** Internship at the **Sonic Studio**, Piteå, North-Sweden, 4 months

The studio was part of the Interactive Institute doing research in the field of sound and music in interactive environments.

**2002** Traineeship at **IBM Austria**, 1 month

Department for Learning Services - Mindspan Solution

**2002** Cooperation with **Alaris Informationsmanagement GmbH**

Working for an e-learning platform for schools

**1999 - 2000** **Civil Service** at the Hospital in Neunkirchen

# skills and personal qualities

In the last years focus on

Javascript, Typescript, Dart, Flutter, Node.js, Amazon Web Services, Responsive Design, Universal Javascript, Test-Driven-Development

Expertise on different design patterns, frameworks and libraries like React, Redux, React Hooks, Constate, Emotion CSS-in-JS, GraphQL, Serverless Cloud Functions, Flutter BLoC pattern, Angular JS, Backbone.js, jQuery, jQuery UI Webpack, Gulp

Test Driven Development with

Jest, Karma, Mocha, Nightwatch, Jasmine, QUnit

Experiences of working in teams using

Scrum and Kanban as agile management methodologies

GIT, SVN, Continuous Integration Processes

Additional skills and interests include

IntelliJ IDEA, Android Studio,

Figma, Adobe Photoshop, Adobe Illustrator, Adobe InDesign, Adobe Flash Professional, Adobe After Effects, Adobe Premiere,

Python, PHP, Linux, Shader, Processing, 3ds max, Blender, OpenGL

## and

### **Sport**

successful participation in several competitions including sports like Beachvolleyball, Volleyball, Running, Cross Country Skiing, Inline Skating, Mountainbiking, Swimming, Tennis, Soccer, Athletics

### **Accordion**

attended music lessons for more than 13 years member of orchestras and ensembles successful participation in several competitions

### **Violin**

5 years music lessons participation in music camps