

Dustin Wüest

Trained Requirements Engineer, HCI and CG Fan,
Hobby Game Developer and Level Designer

<https://dustin.ch/portfolio>

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6044 Udligenswil, CH



PROFESSIONAL AND ACADEMIC EXPERIENCE

Project Manager at the University of Zurich

Digital Society Initiative (DSI)

05/2019 - Now Zurich, CH

- Development of the DSI Excellence Program and course offerings
- Coordination & management of all activities of the persons involved

Postdoc at the FHNW University of Applied Sciences and Arts Northwestern Switzerland

Institute for Interactive Technologies

01/2017 - 04/2019 Brugg AG, CH

Main topics: Internet of Things, participation in the international Horizon2020 projects Wise-IoT and Bonseyes

- Design of the back-end architecture and communication with front-end
- Implementation of web services and front end libraries for the communication via RESTful APIs
- Implementation of a system for the analysis of user feedback and system logs, supporting system evolution
- Lecturer in requirements engineering, jury member in the assessment

Postdoc in Requirements Engineering at the University of Zurich

Requirements Engineering Research Group

04/2016 - 11/2017 Zurich, CH

- Flexible modeling of software systems and requirements, continue to work on the FlexiSketch tool (www.flexisketch.org)

Head of IT infrastructure at LU Brandschutz AG

02/2014 - Now Root LU, CH

- Setup and administration of the IT infrastructure of a small business
- Design of the company logo and homepage

Researcher & Assistant at the University of Zurich

Requirements Engineering Research Group

09/2009 - 04/2016 Zurich, CH

- Inventor of an approach for flexible modeling and collaboration
- Project lead and lead programmer of the mobile tool FlexiSketch that implements the approach (www.flexisketch.org)
- Supervision of 14 student projects and BSc/MSc theses
- Leader of the exercise operations for several lectures

EDUCATION

PhD in Informatics - Requirements Engineering (grade 5.5)

University of Zurich

09/2009 - 04/2016

- Dissertation: "FlexiSketch: Combining Free-Form Sketching with Lightweight Metamodeling"

Master of Science in Informatics - Mulmodal and Cognitive Systems (grade 5.56)

University of Zurich

09/2007 - 09/2009

- Master's thesis: "Implementation of EvoSpaces 2 in Java"

Bachelor of Science in Informatics - Business Informatics (grade 5.21)

University of Zurich

09/2004 - 09/2007

- Bachelor's thesis: "Fluid Particle Interaction with Complex Boundaries"

Studies in Informatics and Physics

ETH Zurich

10/2001 - 09/2004

TECHNOLOGIES

3D Gamestudio Android Android Studio Audacity

C++ C# CoronaSDK CSS Docker Eclipse

Gideros Mobile Git Hammer Editor HTML Java






Javascript Json LaTeX LUA Mac OS X mySQL

OBS OpenGL Photoshop / Illustrator / Premiere Pro

Postman RESTful API SVN Swagger UML

Unix Windows XML

KEY COMPETENCES

-  **Experienced in gaming & gamification**
Games and game development as main hobby
-  **Teamwork & collaboration**
8 years of successful work in multinational teams
-  **Presentation & communication**
Much experience in publishing and presenting, completed course "Voice Training and Presentation Skills"
-  **Goal-oriented & innovative problem solving**
Examples: PhD thesis, Horizon2020 project "Wise-IoT"
-  **Logical approach & organization**
Scientific work, 7 years of experience in project management related topics, completed courses "Project Management" and "Venture Challenge Startup"

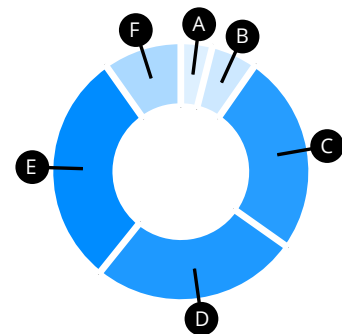
VOLUNTARY WORK

Organizer and student volunteer at international conferences (RE, ICSE, ASE), program committee member and reviewer of submissions for journals and conferences (RE, ICSE, REFSQ)

AWARDS

-  **Best Demo Video**
37. Int. SE Conference (ICSE 2015)
-  **Best Tool Demo and Poster**
20. Int. Requirements Engineering Conference (RE 2012)

HOBBIES (TIME)



- A** Skiing
- B** Bowling (active club member)
- C** Gaming 2D/3D/VR
- D** Video recording and editing
- E** Game design and development
- F** HCI and computer graphics

LANGUAGES

- German**
First language (CH) ●●●●●●
- English**
Fluent, language at work ●●●●●●
- French**
Basic knowledge ●●●●●●

SOFTWARE PROJECTS

A selection of past software projects is presented on my website at <https://dustin.ch/development/>