Renée Singer

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Professional Interests: Web-Development, HCI, User Research, Social Sciences, Machine Learning and AI

Education

- 2010/10 - ongoing TU Vienna, Bachelor-studies "Mediainformatics and Visual Computing"; de facto in Master "Media- and Human Centered Computing". Bachelor Thesis: "A Client-side JavaScript Architecture for the Web-of-Needs Owner-Application Prototype"
- 2004 - 2009 HTL Bulme Graz-Gösting, Electrical & Information Engineering with English focus; graduated with distinction and in English; diploma project: "Datavisualiziation and -logging, in cooperation with Salomon Automation"

Work-Experience

- 2013/07 - ongoing: Researchstudio Smart Agent Technologies, Junior Researcher with focus on user research, interaction design, web development and semantic web technologies; primarily working on the Web of Needs-GUI-prototype running at http://matchat.org/.
- 2013/07 - 2013/09: Shark Business Consulting & IT Solutions (http://www.shark-soft.com), Java- & C++ development (PL1-to-C++ Cross-compiler Framework), Linux administration
- 2009/09 - 2010/05: Odilieninstitute Graz: civil service in assistance to mentally and physically challenged people and an inclusion class
- 2008/07 - 2008/08: Salomon Automation (now SSI Schaefer) GUI-development with Java Swing
- 2006/07: Wiffzack Gastronomie Systeme: icon design and C#-development
- 2006/06: ManPower Personal-Leasing: varnishing preparation work and working a injection molding machine

Other Qualifications:

Languages:

- German: native
- English: fluent (C2) – TOEFL 98%, CFC, 3 language study travels (Canterbury '03, Bexhill '06, Dublin '08)
- Mandarin-Chinese: basics (~HSK2)

Coding: JavaScript, HTML, CSS, Typescript, SPARQL, Elm, Haskell, C#, Python, Latex, Java, C++, C, Shell-Scripting, GLSL, JSP, SQL, QML, CMake, Ruby, Assembler

Applications: various audio-visual production (Affinity Suite, Krita and Gimp, Darktable, Blender and Maya, Inkscape, Scribus, Audacity, Lightworks), Libre Office, MS Office

Frameworks/Libs: Various JavaScript (Redux, Angular, React, Bootstrap, ImmutableJS, fp-ts, etc), OpenGL, Qt, Ice, Processing, OpenNI, JSF, AssImp, SFML, Bullet, Rails

Distros/OS: Ubuntu, Windows, Arch-Linux, Android (incl. app-dev.)

Driver's-Licenses: A, B (motor bikes, cars)

Other Certifications: LPF (assistance to visually impaired)

Hobbies:

- dancing (various)
- photography
- graphic design, typography, drawing, painting
- playing synthesizers
- computer games (RTS, FPS, MOBA)
- pen & paper and live-action rpgs
- bouldering

Volunteer Work: Occasional ÖH work (Fachschaft Informatik), Train of Hope (2015), Pirate Party (2009-2013)