

Arnaud Durand

Born on 24 may 1989 – Citizenship: French (C permit)

Vasselin 14 – CH-1880 Bex

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OVERVIEW

- > Polyvalent education in both HES (BSc.) and Universities (Msc.)
- > Good knowledge of object-oriented programming
- > Versatile and quick to adapt to new technologies
- > Self-learning person and a team player (familiar with agile methodologies)

EDUCATION

BENEFRI, University of Fribourg (CH-1700 Fribourg)

Msc., Computer Science (distributed system specialization), 2012–June 2015

- ▶ Pre-Master complement 2012–2013 (2 semesters)
- ▶ Master thesis: Distributed wideband software-defined radio receiver for heterogeneous systems

University of Applied Science Western Switzerland (CH-3960 Sierre)

BSc., Business Information Technology, 2009–2012

- ▶ Bachelor thesis: 3D visualization of room temperatures gradients from a building
the resulting tool is used in a production environment by trilogis.ch

La Cité Gymnasium (CH-1014 Lausanne)

Swiss Matura Diploma, 2008–2009

Business School ECCGs (CH-1870 Monthey)

Commercial diploma, 2004–2008

WORK EXPERIENCE

businessstransfer.ch

Web developer, 2014–2015

- ▶ Co-development of businessstransfer.ch (web selling platform)
- ▶ Experience with Django, ORM, database management

trilogis.ch

Freelance developer, 2012–2015

- ▶ Extension of a 3D visualization tool
- ▶ Port from Flash to WebGL

Tourist office (CH-1882 Gryon)

Executive assistant, 2007–2008

- ▶ Management, events

PUBLICATIONS

Conference proceeding

Durand, Arnaud, et al. *"BitWorker, a Decentralized Distributed Computing System Based on BitTorrent."* Wired/Wireless Internet Communications. Springer International Publishing, 2015. 151-164.

SKILLS

Languages: Java, Python, C#, C/C++, Processing, HTML/CSS/JavaScript, SQL

Frameworks & libs: .NET/Mono, ASP.NET, Django, Unity3D, GNU Radio, ZeroMQ, OpenCL, Processing

Familiar with **UNIX** systems, use Linux Mint (Ubuntu) on a daily basis

LANGUAGES

French: French native speaker, good writing skills.

English: Professional working proficiency (B2)

INTERESTS

General: Science, hardware and software hacks, embedded systems, distributed systems, game programming

Hobbies: Cinema, rock concerts, multicopters, Arduino, Belgian beer tasting

REFERENCES

David Wannier, *head of business information technology department*

- HES-SO Valais, CH-3960 Sierre

Gilles Beljakovic, *co-director and co-owner*

- Trilogis sàrl, CH-2024 Saint-Aubin-Sauges

Christan Parisod, *executive*

- Tourist office, CH-1882 Gryon