Ivan Zimine

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EXPERIENCE

Odd-e

Technical (XP) coach, trainer, Scrum Master

- Technical trainer (2017 present, Certified Scrum Developer, LeSS in Action, hybrid)
- Technical/Agile coach at Jago/DKatalis (Aug 2022 Feb 2022, hybrid)
- Technical/Agile coach at Huawei Turkey R&D center (Aug 2020 Feb 2022, remote)
- Conducted regular TDD/Refactoring/Product development trainings (2017-present)
- Conducted regular 1-3 days basic Scrum courses (2017-present)
- SW developer/Scrum Master at Credit Swiss private banking section (Jan Dec 2019)
- SW developer of the LeSS website (2017-2018)

Overseas Family School (OFS)

Technology Research Analyst

- Part of core IT team involved in migrating whole school's IT infrastructure to a new campus (3'000 students, 500 staff).
- Initiated education research @ OFS. Projects: 1) researched the impact of chess practice and its' impact on academic achievements, 2) promoted John Hattie's "Visible Learning" for teacher's professional development, 3) initiated coding classes in the middle school using Scratch and Python.

May 2010 - May 2014 Singapore

May 2007 - May 2010

- Ondelo Pte. Ltd. Network services (high density WiFi for tech conferences and events). Assumed sales and marketing role in addition to doing the technical work.
- Teralogy/Dacets. Scientific data management ("git" for raw data). Raised ~50K Euros from French tech incubator, but had to shutdown the company and return the money due to a conflict among founders.
- PythonIO. Training and consulting for startups and SMEs (NumPy, SciPy, Django, Flask).

Philips Healthcare

Startups

Co-founder

MRI clinical scientist

- Supported research groups in top universities in Japan to adopt advanced neuro-imaging techniques into clinical practice (ASL, fMRI, DTI).
- Developed custom MR image processing tools (IDL, Matlab, C/C++).
- Provided editorial support for paper submissions to international conferences and peer reviewed journals.

National Neuroscience Institute

Post-doctoral fellow

- · Worked on advanced neuro-imaging techniques (fMRI, ASL,territorial ASL, quantitative ASL).
- Developed custom MR image processing tools (IDL, Matlab, C/C++).
- Mentored NTU/NUS students pursuing bachelor or masters of science in the field of biomedical imaging.

Geneva University Hospitals

Post-doctoral fellow

- Worked on advanced neuro-imaging techniques (fMRI, ASL,territorial ASL, quantitative ASL).
- Mentored UniGE/EPFL students pursuing bachelor or masters of science in the field of biomedical imaging.
- Developed custom MR image processing tools (IDL, Matlab, C/C++).
- System administrator of 5 shared research workstations (Linux and Solaris).
- Built a NAS for managing MRI research data (3TB, RAID-0, hot-swapable IDE discs, Red Hat Linux. NB: This allowed a saving of ~30K CHF of public money; the cost of an equivalent commercial solution).

Apr 2014 - Jun 2017

Japan

Singapore

Oct 2004 - May 2007 Singapore

Aug 2003 - Sep 2004 Switzerland

2017-Present Singapore

University of Geneva	1998 - 2003
Research fellow	Switzerland
 PhD thesis: Epileptic Focus Localization Using EEG-triggered Functional MRI. Developed custom MR image processing tools (IDL, Matlab, C/C++). Technical support for imaging research projects from the faculty of medicine (experiment design, data acquisition analysis. Anatomist/BrainVISA, MEDx, custom IDL development). 	
University of Geneva	1997 - 1998
MSc, physics	Switzerland
MSc thesis: Motion correction in Functional Magnetic Resonance Imaging.	
University of Geneva	1993 - 1997
BSc, physics	Switzerland
 BSc thesis: Study of doping effects by Fluorine on Bi(2212) high temperature supercond forms. 	ductors in powder and mono-crystalline
Professional and technical communities	
Python User Group Singapore	2010 - present
Paying member	Singapore
 Member of the organizing committee for PyCon-APAC and PyCon-Singapore (2010 - Assumed the following roles in the society: Secretary (2011-1013), Vice-President (20 Developed and maintained PUGS website (2013-2017). Organizer/host of PUGS meetups (2010-2017). 	
Hackerspace Singapore	2010 - 2017
Paying member	Singapore
Technical meetups organizer/host.Co-host of Papers We Love.	
Tokyo Hackerspace	2008 - 2010
Paying member	Japar
Founding member.Treasurer of the legal entity.Technical meetups organizer/host.	
Institute of Electrical and Electronics Engineers (IEEE)	2008 - 2014
Paying member	
• Reviewer for IEEE Engineering in Medicine and Biology (2008-2010)	
International Society for Magnetic Resonance in Medicine (ISMRM)	1998 - 2010
Paying member	
• Student member, then regular member.	

- Student member, then regular member.
- Reviewer of the ISMRM conference abstracts submissions (2005-2010)

• Reviewer of the associated Magnetic Resonance in Medicine and Journal of Magnetic Resonance Imaging (2005-2010).