Ivan Zimine

EXPERIENCE

Odd-e
2017-Present
Singapore

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)
Apr 2014 - Jun 2017
Singapore

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.

Startups
May 2010 - May 2014
Singapore

Co-founder

- 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
May 2007 - May 2010
Japan

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
Oct 2004 - May 2007
Singapore

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
Aug 2003 - Sep 2004
Switzerland

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).

Education

University of Geneva
Research fellow

1998 - 2003
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, image analysis. Anatomist/BrainVISA, MEDx, custom IDL development).

University of Geneva
MSc, physics

1997 - 1998
Switzerland

- MSc thesis: Motion correction in Functional Magnetic Resonance Imaging.

University of Geneva
BSc, physics

1993 - 1997
Switzerland

- BSc thesis: Study of doping effects by Fluorine on Bi(2212) high temperature superconductors in powder and mono-crystalline forms.

Professional and technical communities

Python User Group Singapore
Paying member

2010 - present
Singapore

- Member of the organizing committee for PyCon-APAC and PyCon-Singapore (2010 - 2017, 2025).
- Assumed the following roles in the society: Secretary (2011-1013), Vice-President (2013-2015), President (2015-2017).
- Developed and maintained PUGS website (2013-2017).
- Organizer/host of PUGS meetups (2010-2017).

Hackerspace Singapore
Paying member

2010 - 2017
Singapore

- Technical meetups organizer/host.
- Co-host of Papers We Love.

Tokyo Hackerspace
Paying member

2008 - 2010
Japan

- Founding member.
- Treasurer of the legal entity.
- Technical meetups organizer/host.

Institute of Electrical and Electronics Engineers (IEEE)
Paying member

2008 - 2014

- Reviewer for IEEE Engineering in Medicine and Biology (2008-2010)

International Society for Magnetic Resonance in Medicine (ISMRM)
Paying member

1998 - 2010

- 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).