

Curriculum Vitæ

Name: Martin Pitt
Date of birth: April 14th, 1980, Leipzig, Germany
Residence: Baluschekstraße 5, 01159 Dresden, Germany
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Telephone: +49 351 424 1558
Family status: married

School Education

Elementary school with extended Russian language classes, Leipzig (1986 – 1992)
Mathematical/scientific grammar school “Dresden-Cotta” with extended Russian language classes (1992 – 1995)
Selective grammar school “Martin Andersen Nexö”, special focus on mathematics and sciences (1995 – 1998)
Advanced courses: English, Physics, Mathematics
Scientific project: “Theory and implementation of a single-word speech recognition system”
Final grade: secondary-school examinations grade 1.1 (on a scale from 1 to 6, 1 being best)

Civilian Service

Municipal administration Dresden–Weixdorf (9/1998 – 9/1999)

University Education

Master’s degree in Computer Science at the Dresden University of Technology (10/1999 – 07/2004)
Final grade: 1.2 (on a scale from 1 to 5, 1 being best), passed “with distinction”
Specialization: Applied logics, intelligent systems, data protection and security, cryptography, computer engineering
Thesis: “Proving behavioural equivalence of process models on different abstraction layers”
Research paper: “Automatic formal verification of the dynamic behaviour of field bus components”
Minor subject: Business economics

Work Experience

Linux administration: Setup, maintenance, and support of various servers and workstations in private and university environments (since 1998)
Student council: Elected member of the CS faculty student council: worked as speaker, project leader, editor/layout of the faculty newspaper, computer administrator, and election leader (07/2000 – 02/2003)
Research assistant: Worked on hard/software design and construction of various digital micro controller circuits for LON field bus systems, in the department of Applied Computer Science (2000 – 2003)

Debian GNU/Linux: Worked as a developer and package maintainer, emphasizing on maintaining the CUPS printing system and the PostgreSQL database, and mentoring new developers as Application Manager (since 2002)

Canonical Ltd.: Ubuntu Desktop Team developer (since 2004)

- Maintainer and contributor of desktop hotplug stack (HAL, udev, GVFS, libgphoto2, SANE, pmount)
- Contributor to the GNOME desktop development, many bug fixes, and familiarity with the entire desktop stack
- Desktop Team Technical Lead (since 05/2008): Driving, deciding about, and tracking the technical direction and progress of the Ubuntu Desktop product, recruitment interviews, mentoring new Ubuntu developers and Canonical distro team members
- Release management (since 06/2007): coordination of feature, bug fix, and testing assignments of the distro team to produce a high-quality Ubuntu release, and coordination/review/approval of post-release updates
- Archive maintenance (since 01/2007)
- Security team lead (until 11/2005): provide security update packages for supported releases of Ubuntu, vulnerability triaging, embargo handling, coordination with other projects on vendor-sec; During that time Ubuntu had the fastest average response time of all Linux distributions

Linux Foundation: Core member of the LF “Driver backports” work group: standardize creation, packaging, distribution, and presentation of device drivers in a Linux distribution independent way (since 02/2008)

Authored Software Projects

Apport: provides a system-wide mechanism for automated program crash/bug reporting and analysis, to provide automatic high-quality bug reports, speed up QA, and free human work for actually fixing the bugs; currently being adopted by other distributions (Fedora, OpenSUSE)

Jockey: infrastructure and user interface for handling device driver distribution and installation; planned to get adopted by other distributions soon

langpack-o-matic: tools and infrastructure for shipping language translation packages; this is a unique feature of Ubuntu to make it excel in localization

postgresql-common: system to maintain multiple versions and instances of PostgreSQL servers in parallel, and provide automatic and painless major version upgrades

Skills

Technical:

18 years of computer programming in many languages (currently using Python, C, and sh most intensively)

Web design (XHTML, CSS, PHP)

Digital circuit design/manufacturing/soldering/programming

Languages:

German (mother-tongue), English (business fluent, written and spoken), Russian (basic)

Hobbies:

Tae Kwon Do, bicycling, hiking, playing guitar, swimming, standard and Latin American dance