Curriculum Vitæ

Name:	Martin Pitt
Residence:	Wellenburger Str. 5B, 86199 Augsburg, Germany
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School Education

Elementary school with extended Russian language classes, Leipzig (1986 – 1992)

Math/scientific grammar school "Dresden-Cotta" with extended Russian language classes (1992 – 1995)

Selective grammar school "Martin Andersen Nexö", special focus on maths 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

Canonical Ltd.: Ubuntu Core developer (since 2004)

- Maintainer and upstream co-maintainer/contributor of the Linux plumbing stack (systemd, udev, udisks, upower, GVFS, libgphoto2, etc.)
- Creator and maintainer of Ubuntu's distribution-wide continous integration strategy and infrastructure, for catching machine-detectable regressions *before* they land in the distro.
- Desktop Team Technical Lead (2008 – 2013): 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 2007): coordination of feature, bug fix, and testing assignments of the distro team to produce a high-quality Ubuntu release; coordination/review/approval of post-release updates; package archive maintenance
- Security team lead (08/2004 – 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

Debian GNU/Linux: Developer and package maintainer, emphasizing on maintaining the Linux plumbing stack (systemd, udisks, etc.) and the PostgreSQL database. (since 2002)

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)

GNOME: Developer and Foundation member. Maintainer of `pygobject`. Created many improvements and bug fixes throughout the GNOME project. (2004 – 2012)

Authored Software Projects

autopkgtest: Definition and test runner of Debian package tests, supporting QEMU, containers, chroots, and cloud instances

autopkgtest-cloud: Ubuntu's Production CI system to gate every upload by running tests of the uploaded package and all packages depending on it on all supported architectures, using cloud instances and LXC.

apport: 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.

postgresql-common: System to maintain multiple versions and instances of PostgreSQL servers in parallel, provide automatic and painless major version upgrades, and provide a very thorough integration test suite (over 2000 tests).

media-player-info: Description of portable media player capabilities, with information about the directory layout to use to add music to these devices, the supported file formats, etc. This is part of the Linux/GNOME hotplug stack and being used by various media player applications such as Rhythmbox and Banshee.

Technical:

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

Basic web technology (XHTML, CSS, PHP/mod_python, Flask, jinja2)

Digital circuit design/manufacturing/soldering/programming

Languages:

German (mother-tongue), English (business fluent, written and spoken), French (elementary, level A2/B1), Russian (very basic)

Hobbies and Interests:

basketball, bicycling, hiking, playing guitar, gardening, physics, mathematics

Driver's license

cars and trucks up to 7.5 t (since 1998)