

John Paul Adrian Glaubitz

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Personal

Born on November 10, 1982.

German Citizen.

Education

Primary school: *Grundschule am Sandsteinweg in Berlin*, 1989-1995.

Secondary school: *Georg Büchner Gymnasium in Berlin*, 1995-2002.

University: *Freie Universität Berlin*, Diploma of Physics, 2002-2010.

Employment

Freie Universität Berlin 2005-2010 as student assistant at the physics faculty IT department: Linux and Windows software administration and development

Universitetet i Oslo 2010-2011, Ph.D. stipendiat and research assistant in group of Bengt G. Svensson, Physical Electronics at MiNaLab

Freie Universität Berlin 2012, Project work as researcher in the group of Prof. Daniel Sebastiani, Computational Physics

Since November 2012 - Official Debian Developer (www.debian.org) (voluntary work)

Freie Universität Berlin 2012-April 2016 - Systems Administrator at the physics faculty IT department: HPC cluster and Linux deployment; work with Infiniband clusters (HP C7000, DELL PowerEdge M1000, IBM iDataPlex, SGI Altix ICE) and large NUMA systems (SGI UV-1000) and storage systems (SAN)

Software Engineer at Endocode AG from May 2016 through April 2017

Software Engineer at SUSE Linux GmbH since May 2017

Skills & Fields of Interest

Languages

German, native language.

English, very good language skills - advanced course in high school.

Japanese, basic language skills - two-year course at university.

Norwegian, good language skills - self-studies, also lived in Norway for one year.

Latin, very basic skills, *Latinum* - course in high school.

Physics

Solid-state physics, magnetism and spin-dynamics (subject of thesis: *Laser-induced Spin Dynamics in Metallic Multi-Layers*).

Solid-state physics, superconductivity (field of interest)

Solid-state physics, surface science (class at FU Berlin and lab experience)

Solid-state physics, semi-conductors (classes at FU Berlin/UiO and labexperience)

Experimental techniques, linear and non-linear optics (SHG, 2-photon pump-probe experiments)

Experimental techniques, structure analysis: RHEED, LEED, STM/AFM, Auger (lab experience)

Experimental techniques, thin-film epitaxy (MBE) (lab experience)

Experimental techniques, fabrication of semi-conductor devices at MiNaLab/UiO: lithography, oxidation, etching, in-diffusion, metallization

Publications

Laser-induced Spin Dynamics in Metallic Multilayers (Diploma Thesis); arXiv:1007.0726 [cond-mat.mtrl-sci]

Modern consumerism and the waste problem (Essay); arXiv:1206.0604 [cs.CY]

First principles calculation of inhomogeneous broadening in solid-state cw-EPR spectroscopy (Paper); Phys. Chem. Chem. Phys., 2013,15, 16082-16089

Teaching

Teaching assistant for theoretical quantum physics (Norwegian/English) - FYS2140/Spring 2011 at UiO

Teaching assistant for experimental physics lab courses - FU Berlin summer 2012

Software development

Linux user since 1998 (starting with SuSELinux 5.3 with Kernel 2.0.38)

Own community project: <https://wiki.physik.fu-berlin.de/linux-minidisc/>

Contributions to various projects like *systemd*, *grub*, *plymouth*, *fs-uae*, *kcemu*, *firefox*, *parted*, *libreoffice*, *firebird-sql*, *qemu*, *openjdk* (see also: <https://www.openhub.net/accounts/glaubitz>)

Very active software tester and bug reporter

Active Debian Developer since November 2012; previously long-time Debian user and contributor

Programming skills: C/C++, Shell script (bash), Python, Java, Assembler (x86, 6502), Perl

Mentor at Google's Summer of Code 2011 (projects: VideoLAN and linux-minidisc)

Mentor at Google's Summer of Code 2014 (projects: Debian and elementaryOS)

Debian work

Porter and build administrator for the PowerPC e500 (powerpcspe), Motorola 68k (m68k), Sun SPARC (sparc64) and Hitachi SuperH (sh4) architectures (plus some work on HP-PARISC and Intel x32 architectures)

Package Sponsor (review and upload) for new Debian maintainers (<http://udd.debian.org/sponsorstats.cgi>)

Account Manager (AM) for reviewing and approving new applicants

Maintainer of many packages (<http://qa.debian.org/developer.php?login=glaubitz>)

Other

Licensed amateur radio operator (German class A; equivalent to US class Extra) - call sign: DL7YZ

Electronics, repair and reverse engineering (hobbyist)

Automotive engineering, repair (hobbyist)

Last updated: August 19, 2017

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