

N. Gillmann

personal

Address
Birthday
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Website n0.is
Github https://github.com/teknokatze

education

Computer Science

2017 - present

Hochschule Bochum

Since Wintersemester 2017/18 Bachelorstudies Computer Science (Bachelor Informatik).

professional experience

Google Summer of Code 2019 participant with GNU

2019

Google Summer of Code 2019

setsockopt(2) syscall optimizations for libmicrohttpd on FreeBSD, Linux, NetBSD, and Cygwin with a focus on performance improvements and correct implementation for different kernels and libs. Used in GNUnet, Taler, systemd, and various Open Source and commercial software solutions. Mentored by Christian Grothoff (Final Report: <https://n0.is/lmhd-gsoc2019.html>).

C, *BSD, Linux, Networks

Consulting System Administrator and Developer

08/2018 - present

Taler SA

Among other projects I have done Server Administration, creation and maintenance of a Python configuration system shared between various Taler components ("build-common"), Website development (creating a small and reusable jinja2 codebase), Build System work, Packaging (pypi), and Continuous Integration work with BuildBot.

Python, Linux, Autotools, jinja2

Consulting Software Developer

2018 - present

Gillmann Consulting

Consulting IT services for clients.

Consulting Developer

2018

Task9 GmbH

Between May and July I was involved in the design and development of a webcrawler written in Python, as well as assisting with legal work (software license checks for a customer).

Python

Computer Services

2015

Astrid-Lindgren-Schule Dorsten

Independent consulting, configuration and setup of new school computers.

Intern

2012

Notebooks Dortmund

Internship from 01/2012 to 08/2012 for completion of the Fachhochschulreife. This second part of the internship involved various tasks in the professional field of an IT Systemelectrician ("IT Systemelektroniker"), including Laptop hardware and software repairs.

Intern

2011

Engling.IT, Essen

Internship from 06/2011 to 12/2011 for completion of the Fachhochschulreife. This intership involved various tasks in the professional field of IT Support, including services like hardware and software installations.

Non-Military Service

2008 - 2009

Caritas Dorsten

Alternative civilian service ("Zivildienst") in various parts of care and janitor.

skills

Languages PYTHON, C, SH, AWK, HTML5, CSS3, C++, Guile, Java

Frameworks Jinja2

Documentation LaTeX, Texinfo, mdocml, groff, roff

Other Autotools, various buildsystems, various packaging environments, German native speaker, Full professional proficiency in English

volunteer work

Developer

2019 - present

NetBSD Foundation, Inc.

Primarily work on pkgsrc (<http://pkgsrc.org>). Adding support for pkgsrc, Clang, NetBSD and *BSD Systems in general to various software projects, porting software to NetBSD.

make, awk, C

Developer

2015 - today

GNUnet e.V.

Work areas and contributions include: creation and maintenance of the mdocml/man documentation and the Texinfo documentation, systems integration, website development and administration, community work, system administration, developer onboarding, maintenance of gnurl/libgnurl (specialized curl fork for Taler and GNUnet), build-system work, and consulting.

Texinfo, man, mdocml, awk, autotools, jinja2, web development, Python, sh

Contributor

2015 - present

GNU Guix

Contributions to the Linux Operating System Distribution GuixSD, as well as to the package manager Guix.

Guile Scheme, Texinfo

Various Contributions

2002 - present

Volunteer

Volunteer contributions to numerous Open Source Software projects, including Go, Erlang, Perl, Nix, The Tor Project, OpenNIC Project, GNU, and others.

references

Available upon request