

LUKAS B. WAYMANN

 [meribold.xyz](https://github.com/meribold.xyz)

 [/meribold](https://gitlab.com/meribold)

 [in/meribold](https://www.linkedin.com/in/meribold)

 io@meribold.xyz

Work Experience

TomTom Asia Inc.

ASSOCIATE SOFTWARE ENGINEER

Taipei City, Taiwan

2018–present

Maintains a critical C++ library that retrieves and installs map updates in millions of cars. Migrated this library from Subversion to Git.

Biomedical Technology Center

RESEARCH ASSISTANT

Münster, Germany

2014–2018[†]

Implemented algorithms for reconstruction of digital holograms in Python using NumPy, OpenCV, etc. Wrote a [GUI](#) exposing these reconstruction routines. Wrote a Python program for controlling a holographic microscope prototype.

Center for Biomedical Optics and Photonics

RESEARCH ASSISTANT

Münster, Germany

2010–2012[†]

Developed [cross-platform C++ software](#) for tracking living cells through sequences of phase shift micrographs.

[†]not continuous

Education

University of Bayreuth

BACHELOR OF APPLIED COMPUTER SCIENCE

Bayreuth, Germany

2014–2018

Received the top grade for my thesis titled “[Scoring Board Games with Computer Vision](#)”.

Select Skills

[C++](#), [Python](#), [Bash](#), [Lua](#), [Kotlin](#), dabbled in [Haskell](#)

Programming Languages

Git, GNU Make, Vim

Tools

NumPy, OpenCV, SQLite, Google Test, wxWidgets

Libraries

9 years of Linux experience (Arch, Ubuntu, Fedora, RHEL),

Miscellaneous

Android SDK, \LaTeX , PGF/TikZ, HTML/CSS, Jekyll

English (fluent), German (native), Chinese (novice)

Languages