

LUKAS B. WAYMANN

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

Work Experience

TomTom Asia Inc.

ASSOCIATE SOFTWARE ENGINEER

Taipei City, Taiwan

2018–present

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](#)”.

Skills

Programming Languages: C++, Python, Lua, Bash, Kotlin, dabbled in Haskell

Tools: Git, GNU Make, Vim

Libraries: NumPy, OpenCV, wxWidgets, Tkinter

Other: Android SDK, L^AT_EX, PGF/TikZ, HTML/CSS, Jekyll, 8 years of Linux experience (Arch, Ubuntu, Fedora, RHEL)

Languages: English (fluent), German (native)

References

References are available on request.