



LUKAS KRIEGER

PERSONAL INFORMATION

d.o.b. 18 January 1989
citizenship German
email lukaskrieger@gmail.com
phone +49 17699396401 · +49 8621 979715

STUDIES

*Master in Medical
Science with a
major in Health
Informatics*

*08/2011-
06/2013* Karolinska Institutet, Sweden
Master's programme in Health Informatics
Thesis: *Effects of different computational strategies on conclusions drawn from a fMRI study of fear conditioning in humans.*
Supervisor: Joel KAPLAN PhD (Karolinska Institutet)

*Bachelor of Science
with a major in
Computer Science*

*10/2008-
08/2011* Technische Universität München, Germany
Master's programme in Computer Science
Thesis: *Patient positioning for radiation therapy using three-dimensional surface data.*
Supervisor: Prof. Dr. Nassir NAVAB

PREVIOUS EDUCATION

*09/1999-
06/2008* Hertzhaimer-Gymnasium Trostberg, Germany
General qualification for university entrance with main subjects in Math and Chemistry

WORK EXPERIENCE

*German Aerospace
Center, Remote
Sensing
Technology
Institute*

since 05/2015 PhD candidate
Work in the department for SAR signal processing with focus on the remote sensing of the cryosphere. The topic of the PhD thesis is: Retrieval of glaciological parameters from SAR data and mass balance modelling of glaciers in Northeast Greenland.

humediQ GmbH

*09/2013-
05/2015* Software developer
Implementation of a medical product for monitoring radiotherapy treatment. The used technologies are amongst others RFID, Optical tracking, C++, Java and Objective-C. Scrum-master for a web project with continuous integration.

humediQ GmbH

*01/2012-
09/2013* Part-time Software Engineer
Research Face Recognition technologies for identifying patients in a clinical environment.

SurgicEye GmbH

*08/2011-
01/2012* Part-time Software Engineer
Detection of patient positions using three-dimensional surface data of the Microsoft Kinect.

*08/2011-
10/2010* System Administrator

*Technische
Universität
München*

Administering the server and client infrastructure for the chair of Applied Software Engineering. Additional support for the practical course in iPhone programming.

OTHER INFORMATION

08/2012 - 08/2013 · Responsible for the summer house of the student union
Medicinska Föreningen of Karolinska Institutet.

<http://www.medicinskaforeningen.se>

2006 - 2008 · Supervising climbing of children at the DAV climbing gym in
Trostberg

Languages

GERMAN · Mother tongue

ENGLISH · Fluent

SWEDISH · Proficient

May 25, 2019