

# Janek Thomas

Born 26.07.1990 in Wolfenbüttel, Germany

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## Experience

### Ludwig-Maximilians-University, Munich *Ph.D. candidate*

Apr 2016 - (current)

Working group computational statistics

### Friedrich-Alexander-University, Erlangen *Research assistant*

Sep 2015 - Mar 2016

Evaluation of clinical trials at the department of medical informatics, biometrics and epidemiology.

### Ludwig-Maximilians-University, Munich *Research assistant*

Apr 2015 - Mar 2016

Assistance in teaching and contribution to the *Münchner R Kurse*.

### Hubert Burda Media, Munich — *Working student*

Sep 2014 - Apr 2015

Participant of the first innovation bootcamp with consecutive occupation as a working student in data & analytics.

### Dotplot, Munich — *Working student*

Jan 2014 - Sep 2014

Data analysis and statistical programming in R.

## Education

### Ludwig-Maximilians-University, Munich *Statistics – Master of Science*

Apr 2014 - Mar 2016

Statistics with focus on computational statistics and machine learning. (Final grade: 1.2)

### Ludwig-Maximilians-University, Munich *Statistics – Bachelor of Science*

Apr 2011 - Mar 2014

Statistics with minor in computer science. (Final grade: 1.5)

## Skills

### Programming languages:

R (advanced),

Python (intermediate),

SQL (basic),

JavaScript, HTML, CSS (basic)

### Statistics: Machine learning,

hyperparameter tuning,

model-based optimization,

model selection, variable

selection, gradient boosting

### other: high-performance

computing, Linux, Office,

LaTeX

## Projects

**Stability selection for component-wise gradient boosting in multiple dimensions.** (*arXiv:1611.10171*)

**Measurement precision of the Microsoft Kinect based on situational influence factors.**

(*EICS. 2016*)

**Analysis of missing values in geospatial data**

## Awards

**TEFDataChallenge – 1. Place**

**LMU – Best consulting project**

## Languages

**German** – First language

**English** – Fluent