

# Julian Andres Klode

## Curriculum Vitae

Altenritter Straße 4  
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### University Work (one semester each)

- Winter 2015/2016 **Tutor, 'Introduction to Software Engineering' by Prof. Taentzer, Philipps-Universität, Marburg.**  
Checking the homework and exams of students, and working with them two hours per week; and writing a tiny Android app in Scala.
- Summer 2015 **Tutor, 'Software-Praktikum' by Prof. Taentzer, Philipps-Universität, Marburg.**  
Assisting students in programming an Android application, checking their progress, and programming the same application in advance.
- Winter 2014/2015 **Tutor, 'Introduction to Software Engineering' by Prof. Taentzer, Philipps-Universität, Marburg.**  
Checking the homework and exams of students, and working with them two hours per week.
- Summer 2014 **Tutor, 'Software-Praktikum' by Prof. Ostermann, Philipps-Universität, Marburg.**  
Helping students program a Go-like game, and checking their work, working with them two hours per week.
- Winter 2013/2014 **Tutor, 'Introduction to Software Engineering' by Prof. Taentzer, Philipps-Universität, Marburg.**  
Checking the homework and exams of students, and working with them two hours per week.

### Further Professional Experience

- April 2011 **Internship, Software Development, Canonical, Ltd..**  
One month of full-time work on `python-apt`, with Michael Vogt

### Open Source Involvement

- since 2011 **Occasional Driver Development, Linux Kernel.**
- Improved a driver for a Nvidia Tegra Embedded Controller (`nvec`) in staging
  - Currently working on adding support for ThinkPad charge controlling
- since 2008 **Debian Developer, Debian Project.**  
Maintaining packages like `apt` and `python-apt` and developing software. Major achievements:
- Implemented support for Python 3 in `python-apt`
  - Created a better programming interface for `python-apt`, and converted most packages using the old one to the new one.
  - Created `dh-autoreconf`, the de-facto standard tool for packages using `autotools`, used by 8% of all Debian packages
- since 2007 **Ubuntu Member, Ubuntu Project.**

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## Education

since Oct. 2014 **M. Sc. in Computer Science**, *Philipps-Universität*, Marburg, to be completed in October 2016.

2011–2014 **B. Sc. in Computer Science**, *Philipps-Universität*, Marburg, *Grade: 2.0*.

2010–2011 **Certified mathematical-technical Assistant**, *Georg-Christoph-Lichtenberg-Schule*, Kassel, *Grade: 1.8*.

The correct German title is 'staatlich geprüfter mathematisch-technischer Assistent'. It is formally a kind of apprenticeship, but in this case, could be done as an additional year at school with an internship. It involved:

- Programming in C++ and a bit of Smalltalk
- Databases, mostly SQL
- Random other CS topics (for example, multimedia compression algorithms)
- Economics
- Digital electronics
- Numerical analysis
- An internship (Canonical Ltd, see the first page)

2008–2010 **Secondary School – Abitur**, *Georg-Christoph-Lichtenberg-Schule*, Kassel, *Grade: 2.3*.

Focus on Computer Science and Mathematics (in German: 'Leistungskurse Informatik und Mathematik')

2001–2008 **Secondary School – first part**, *Georg-Christoph-Lichtenberg-Schule*, Kassel.

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## Programming and Scripting Languages

Primary languages: Python, C, C++, POSIX Shell Scripting

Secondary languages: Java, Scala, Haskell, SQL, JavaScript

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## Markup and other technical Languages

Web: HTML, XHTML, CSS

Typesetting:  $\text{\LaTeX}$

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## Spoken Languages

First: German

Second: English

Others: Very limited amount of French

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## References

Available on request.