

## Moritz Schlarb

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**Date of birth:** 1989-10-17

## Practical Experience

### Data Center, Johannes Gutenberg-Universität Mainz, Germany

- **January 2011 - Present**, Student Assistant

High Performance Computing group at the university's data center:

- Assisting in the administration of the 500+ node Linux cluster
- Building, installation and deployment of scientific software
- End user support

### Chair of Railway Engineering, Technische Universität Darmstadt, Germany

- **July 2014 - June 2015**, Student Assistant

Various practical programming tasks for the railway related teaching facility "Eisenbahnbetriebsfeld Darmstadt"

### Institute of Computer Science, Johannes Gutenberg-Universität Mainz, Germany

- **May 2013 - June 2014**, Student Assistant

Maintenance and development of the SAUCE E-Learning software

- **April 2011 - February 2013 (intermittent)**, Student Assistant

Teaching assistant in:

- Programming Languages
- Data Structures and Efficient Algorithms
- Seminar on the internals of a Linux operating system based on Gentoo Linux
- Introductory courses in C and Python

## Open Source Development

- **SAUCE** (System for Automated Code Evaluation)

I created the SAUCE E-Learning software in 2012 as a practical project for my bachelor thesis and released its source code under an open source license.

“SAUCE is a language-independent, web-based automated assessment tool for programming assignments in practical programming courses within academic environments like universities and schools.”

- **Contributions**

I (ir)regularly contribute(d) code to:

- Noodle NG (A web search engine for local smb/cifs network shares. - Python)
- TurboGears (MVC web framework - Python)
- ToscaWidgets (Web widget framework - Python)
- Sprox (CRUD scaffold framework - Python)
- Acrylamid (Static blog compiler - Python)
- Seriesly (TV show notification service - Python)
- Reposado (Apple Software Update service - Python)
- Gentoo Linux (Ebuilds - Bash)

## Education

### Computer Science, M. Sc.

- **April 2013 - Present**

Technische Universität Darmstadt, Germany

### Computer Science, B. Sc.

Title of bachelor thesis: “SAUCE - A System for Automated Code Evaluation”

- **April 2010 - January 2013**

Johannes Gutenberg-Universität Mainz, Germany

- **October 2009 - March 2010**

FernUniversität Hagen, Germany