

Curriculum Vitae

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LINKS

Github:// [sheepsy90](#)
LinkedIn:// [Robert Kessler](#)
YouTube:// [sheepsy90](#)
Twitter:// [@sheepsy90](#)

COURSEWORK

GRADUATE

Algorithmic Learning
Math. Theory of Machine Learning
Computer Graphics
Interactive Visual Computing
Game Programming + Practicum
Artificial Intelligence in Games
Databases and Information Systems
Neural Networks

UNDERGRADUATE

Basics of Knowledge Processing
Functional Programming + Practicum
Formal Basics of Computer Science
Stochastics
Discrete Mathematics
Embedded Systems
Information systems in Organizations
Organic Chemistry
Inorganic Chemistry

SKILLS

PROGRAMMING

Professional
Python • Django • Java
Experienced
CSS • jQuery • SASS • SQL • bootstrap
Familiar
C++ • C# • LaTeX

LANGUAGE

German: native language
English: very good
Swedish: beginner

ADDITIONAL

Django • flask • REST
Jenkins • Deployment • Automation
Microservices • Software Architecture
Kanban • Scrum • Agile
VCS • Project Management • TDD
Spring • Maven
Machine Learning • Artificial Intelligence
Game Design • Game Programming
Serious Games • Teaching • Robotics

EXPERIENCE

Klarna | SENIOR SOFTWARE DEVELOPER

14/08/2015 - today

- Working full stack with python, django, flask, jQuery, bootstrap, postgresql
- Building a internal web based system in a micro-service architecture
- SCRUM driven development process

Parship | BACKEND SOFTWARE DEVELOPER

01/04/2013 - 28/07/2015

- Working with Spring, Java and Maven
- Working across all software architectural levels (Controller/API/Persistence)
- Kanban and test-driven based development process

University of Hamburg | TEACHING ASSISTENT

10/01/2010 - 08/12/2013

- Student Assistant - Embedded Systems

08/24/2015 - today | expected 08/2020

- Student Assistant - Basics in Software Development

EDUCATION

MSc. Computer Science | UNIVERSITY OF HAMBURG

10/01/2008 - 09/30/2010

Thesis: "Using Ordinal Comparisons for Similarity Analysis in Games"
Supervision by [Prof. Dr. Ulrike von Luxburg](#) and [Matthäus Kleindessner](#)
Moving average grade: 1.68

BSc. Computer Science | UNIVERSITY OF HAMBURG

01/01/2003 - 06/15/2010

Thesis: "[Sound Source Localization with a humanoid Robot](#)"
Supervision by [Prof. Dr. Stefan Wermter](#) and [Dr. Cornelius Weber](#)
Thesis grade: 1.3
Overall grade: 1.59

High school graduation | WINCKELMANN GYMNASIUM

June 2008 | Stendal, Germany

Overall grade: 1.9

ROBOCUP

Participation Certificate - World Championship 2012 MexicoCity, Mexico
Second Place - German Open 2013 Magdeburg, Germany
Participation Certificate - World Championship 2013 Eindhoven, Netherlands
Third Place - German Open 2014 Magdeburg, Germany
Participation Certificate - World Championship 2014 Joao Pessoa, Brazil

SOCIETIES

April, 2013 - today Member of the RoboCup team [Hamburg Bit-Bots](#)
April, 2015 - today Member of the student council at the University of Hamburg