

# Simon Schiele

## Curriculum Vitae

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👤 [simonschiele](https://github.com/simonschiele)



### Technical Knowledge

Development Python, C, PHP, Bash, JavaScript  
Linux Debian/Ubuntu, BSD, Yocto, Buildroot, Kernel  
Tools Jira, Confluence, Agile (Scrum/Kanban)  
DevOps SQL, NoSQL, Log/Metric Databases, AWS, Azure,  
Docker, Kubernetes, Jenkins, Git, Automation

### Professional Experience

- 11/2017–01/2020 **Embedded Software Engineer**, WITEKIO GMBH, Frankfurt.
- Development of custom Linux- and Android Board Support Packages (BSP) (Yocto, Buildroot, AOSP, div. IoT Frameworks)
  - Development of custom Linux Kernel and Userspace Device Drivers (Input, Sensors, Displays, Modems)
  - Maintenance of existing Linux and Android BSPs
  - Consulting in Linux Engineering, Migration paths and general problem finding in hard- and software projects
- 09/2015–10/2017 **Python Developer**, PROFITBRICKS GMBH, Berlin.
- Development of the Cloud Datacenter Management Suite (Python, Django, PostgreSQL, RESTful, IPMI, Icinga)
  - Site Reliability Management for High Traffic API and frontend projects
  - Daily Operations and Incident Handling (ITIL/ISO)
  - Held regular tutorings about advanced development techniques
- 06/2009–02/2015 **Software Developer**, YPSILON.NET AG, Frankfurt.
- Development of backend applications and webservices in the tourism and finance sector (Python, PHP)
  - Head of Rental Car Development
  - Building and maintaining PCI-DSS (Class 1) scope and services
  - Administration of application-, development- and web servers

- 01/2009–05/2009 **Freelancer**, ENGINEERING/DEVELOPMENT, Frankfurt.
- Prototyping of embedded devices for Point of Sale advertisement (OpenEmbedded, Python)
  - Custom CMS and Onlineshop solutions (Python, Django, Satchmo)
- 06/2006–12/2008 **Software Engineer**, REFLEXMEDIA GMBH, Limburg.
- Development of a Point of Sale multimedia environment for dynamical advertisements (PHP, XUL, Python)
  - Building and upkeep of the company internal GNU/Linux distribution for PoS clients (Debian based, remastered from company repositories)
  - Administration and maintenance of several hundred client systems (decentralized)
  - Administration of web-, development- and package servers
- 06/2005–12/2005 **Media Designer**, REFLEXMEDIA GMBH, Limburg.
- 6-month internship as part of my apprenticeship as media designer
- Building a demonstration wrapper for dynamical advertisements (Flash/ActionScript, PHP)
  - Expanding of several existing online stores (Bash, PHP)
- 06/2001–06/2002 **Data Center Administrator**, INNOVATIVE SOFTWARE AG, Frankfurt.
- Internship of one year as part of the specialized secondary school diploma
- Administration of nearly 1000 productive servers (RedHat GNU/Linux)
  - On-site service in different data centers in the Frankfurt region
  - Maintenance and improvements of the intranet administration toolset (PHP, JavaScript)

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## Education

- 2004–2006 **Apprenticeship: Digital Media Designer**, IAD, Marburg.  
Graduation: Media Designer (IHK)
- 2001–2004 **Specialized secondary school**, Fachoberschule, Buedingen.  
Subject: Business Informatics
- 1995–2001 **Secondary school**, Schule am Dohlberg, Buedingen.  
Graduation: secondary school certificate (Mittlere Reife)

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## Language Skills

- German native speaker
- English fluent in spoken and written form

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## Personal Interests

- Cooking
- Collecting Keyboards
- Science fiction literature