

Denis Erfurt

Education

- 2015 **Bachelor Of Science**, *Humboldt-Universität zu Berlin.*
Major: Computer Science
- 2009 **Abitur**, *Melanchthon-Gymnasium Berlin.*

Employment History

- Aug14 - Mar15 **connected-health.eu GmbH, Hamburg.**
Role: Senior Software Engineer
- Jun13 - Nov13 **flowkey GmbH, Berlin.**
Role: Software Engineer
- Nov12 - Feb13 **Adaptive Systeme Group, Humboldt-Universität zu Berlin.**
Role: Student Assistant
- Okt11 - Aug13 **expectare Deutschland GmbH, Berlin.**
Role: Software Engineer

Technical Expertise

- Languages Java, Python, JavaScript, PHP, HTML5, CSS, SCSS, ActionScript, NoSQL, SQL, UML, LaTeX, Bison/Flex, XML, JSON
- JavaScript Frameworks Coffeescript, Meteor Js, Backbone Js, Handlebar Js, Angular Js
- Technology REST, WebSocket
- OS Linux, Mac OS X, Docker + CoreOS
- Software Git, Vim, Shell
- Methodology TDD, BDD, Agile, Continuous Integration
- Interests Lisp/Clojure, Haskell, Distributed Systems, Blockchain Tech, Ethereum, TLA+, Machine Learning, Game Theory, Evolutionary algorithms

Work Experience

Aug14 - Mar15 **developing LifeHub soft-/hardware.**

connected-health.eu GmbH

- developing middleware soft/hardware solving for plug and play local phone/pc synchronisation
- designing BLE/WiFi communication protocols
- working with the Linux-Kernel, Shell, Python

Jun12 - Feb13 **flowkey frontend web-app/ backend in MeteorJS.**

flowkey GmbH

- building flowkey web-app frontend with MeteorJS, a client side MVC JavaScript framework
- extending and integrating VexFlow, a javascript music notation rendering engine
- building MIDI - JSON - VexFlow middleware in javascript
- building video processing engine for overlay keyboard rendering

Feb12 - Jan14 **member of Nao Team Humboldt Robocup Group.**

robotic soccer

- building algorithms and data structures in Java, robotic system maintenance (Nao), modeling vision, modeling behaviour

Nov11 - Aug13 **TouchScope CMS web-app, mobile-app - a digital software suite.**

George P. Johnson, IBM

- building web-app/ mobile-app/ backend with ASP.Net, HTML5, JS, BackboneJS

Dec12 - Aug13 **TMS - web-app.**

TMS GmbH

- building web-app with HTML5, JS, BackboneJS, PHP, WordPress