

Denis Erfurt

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Education

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

Employment History

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

Technical Expertise

- Languages C, Cpp, Java, Python, JavaScript, PHP, HTML5, CSS, NoSQL, SQL, LaTeX, Bison/Flex
- Technology REST, WebSocket, smart contracts
- Platforms Unix, Mac OS X, Docker, Nao robot
- 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 - **developing LifeHub soft-/hardware.**

Mar15

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

Feb13

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

Jan14

robotic soccer

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

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

Aug13

George P. Johnson, IBM

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

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

Aug13

TMS GmbH

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