



Marc Dominique Hüppin

Curriculum Vitae

Education

- 2013–2016 **Master of Science in Computer Science**, *ETH Zürich*.
2009–2013 **Bachelor of Science in Computer Science**, *ETH Zürich*.
2004–2008 **Kantonsschule**, *Baden*.

Master Thesis

- Title *Opportunistic Sensing for Smart Heating Control Systems*
Supervisors Professor Friedemann Mattern & Wilhelm Kleiminger
Description Implementing occupancy sensing and prediction system on a low-cost single-board computer. Various sensors send relevant data to a webserver on the single-board computer, which in turn derives an optimal control strategy. The heating control is then applied by controlling radiator valves over wifi using the CoAP protocol.

Bachelor Thesis

- Title *Smart Homes And Weather Events*
Supervisors Tobias Langner
Description Implemented an application for the home automation system of digitalSTROM. The application predicts the solar gain for the home using information about the house and local weather data supplied by MeteoSwiss and present them to the user.

Experience

Vocational

- 2015–2016 **Internship**, DIGITALSTROM, Schlieren, 5 Months.
Working as a testing engineer on the digitalSTROM project. Work included designing and implementing manual and automatic testcases. Organizing testruns using ALM.
2013 **Internship**, ELCA, Zürich.
Working on a project building an iOS App using HTML5 and Phonegap. As well as a CMS using a RESTful back end built with Java Spring and a front end application built with AngularJS.

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📄 github.com/itisslizz

Miscellaneous

- 2012–Today **Web Developer**, *Various*.
Designing and implementing various webpages for private and business customers.
- 2008–2009 **Salesperson**, *Interdiscount*, Würenlingen.

Computer skills

- Languages Python, Java, C/C++, JavaScript, HTML, CSS
- Frameworks Django, AngularJS, jQuery
- IDE's Eclipse, Aptana Studio, Android Studio
- Platforms Windows, Mac OSX, Linux
- Others MySQL, Git
- Other HP ALM, Redmine
- Software

Languages

- German **Mothertongue**
- English **Advanced** *Bilingual Matura (English/German)*
- French **Intermediate**

Interests

- Projects Developing my own little projects, exploring new frameworks and libraries, mostly in web development.
- Sports Playing Football and Basketball with friends as well as going to the gym.
- Movies Watching and discussing Movies
- Travelling Visit cities and places all over the world, exploring different cultures.