Philipp Hadjimina

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EDUCATION

ETH Zurich, Zurich, Switzerland

- Bachelor of Computer Science (expected) — Sep 2015 – Sep 2018
  - Key completed courses: Data Strucutres & Algorithms, Parallel Programming, Operating Systems & Networking, Discrete Math
  - Advanced courses: Software Architecture & Engineering, Learning & Intelligent Systems (expected), Distributed Systems (expected)
- Relevant coursework
  - Static analyzer implemented in Java, using Apron polyhedron domain & Soot for conversion of Java code into Jimple code

SKILLS

Programming Languages : Java, Haskell, Swift, C, Objective C, x86-64 Assembly

Tools : Linux, Git, SQL, Android Studio

Languages : German (native), English (fluent), French (intermediate), Italian (basic)

WORK EXPERIENCE

ETH Zurich — Jun 2017

- Teaching assistant Android app development
  - Guided 30 students in the development of an Android pulse oximeter

Fahrschule KOCH GmbH — Mar 2015 – Jun 2017

- Freelancer App Development
  - iOS development with Objective C and Swift
  - Developed intuitive design to represent and manage the progress of dozens of driving students
  - Data of multiple devices synced to a central back end

Kantonsschule Wiedikon — Oct 2013

- Organised and taught an introductory Linux course at Highschool
  - Non mandatory and completely self organised project, which was composed of 8 lessons in total

PROJECTS

HackZurich

- Crowdsourced Grocery Shopping — Sep 2016
- Reimagined car search interface — Sep 2015
  - Removed the need for users to have any kind of previous knowledge about car specifics

Extended functionality of Jasper (Voice assistant) — Aug 2016

- Built DIY version of connected electrical sockets, using an Arduino board

Passion Project: Home Automation

I love tinkering with new voice and automation assistants. My ultimate goal is that one will never have to close a window, lock a door or change the brightness of the lights manually. I have played around with *Amazon Echo*, *Mycroft.ai*, *Jasper* and *Home Assistant*.

AWARDS & OTHER EXPERIENCES

Awards : 2nd place Amag challenge at HackZurich 2015

Community Service : Teaching Assistant at local Kindergarten

Organisations & Hobbies : Boy Scouts, Coding, Woodworking, Fencing, Sports in general