Philipp Hadjimina

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EDUCATION

ETH Zurich, Zurich, Switzerland

- Bachelor of Computer Science (expected)   Sep 2015 – Sep 2018
  - Key completed courses: Data Structures & 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, HTML, CSS, Javascript

Tools : Linux, Git, PostgreSQL, 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

- Social media platform based around challenges and challenging each other   Sep 2017
- 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