

# Philipp Hadjimina

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|----------------------------|--|---------------------|
| EDUCATION                  | <b>ETH Zurich</b> , Zurich, Switzerland  |                     |
|                            | <ul style="list-style-type: none"><li>▪ Bachelor of Computer Science (expected) Sep 2015 – Sep 2018<ul style="list-style-type: none"><li>• Key completed courses: Data Structures &amp; Algorithms, Parallel Programming, Operating Systems &amp; Networking, Discrete Math</li><li>• Advanced courses: Software Architecture &amp; Engineering, Learning &amp; Intelligent Systems (expected), Distributed Systems (expected)</li></ul></li><li>▪ Relevant coursework<ul style="list-style-type: none"><li>• Static analyzer implemented in Java, using Apron polyhedron domain &amp; Soot for conversion of Java code into Jimple code</li></ul></li></ul> |                     |
| SKILLS                     | <b>Programming Languages :</b> Java, Haskell, Swift, C, Objective C, x86-64 Assembly, HTML, CSS, Javascript  |                     |
|                            | <b>Tools :</b> Linux, Git, PostgreSQL, Android Studio<br><b>Languages :</b> German (native), English (fluent), French (intermediate), Italian (basic)  |                     |
| WORK EXPERIENCE            | <b>ETH Zurich</b>  | Jun 2017            |
|                            | <ul style="list-style-type: none"><li>▪ Teaching assistant Android app development<ul style="list-style-type: none"><li>• Guided 30 students in the development of an Android pulse oximeter</li></ul></li></ul>   |                     |
|                            | <b>Fahrschule KOCH GmbH</b>  | Mar 2015 – Jun 2017 |
|                            | <ul style="list-style-type: none"><li>▪ Freelancer App Development<ul style="list-style-type: none"><li>• iOS development with Objective C and Swift</li><li>• Developed intuitive design to represent and manage the progress of dozens of driving students</li><li>• Data of multiple devices synced to a central back end</li></ul></li></ul>   |                     |
|                            | <b>Kantonsschule Wiedikon</b>  | Oct 2013            |
|                            | <ul style="list-style-type: none"><li>▪ Organised and taught an introductory Linux course at Highschool<ul style="list-style-type: none"><li>• Non mandatory and completely self organised project, which was composed of 8 lessons in total</li></ul></li></ul>   |                     |
| PROJECTS                   | <b>HackZurich</b>  |                     |
|                            | <ul style="list-style-type: none"><li>▪ Social media platform based around challenges and challenging each other</li></ul>   | Sep 2017            |
|                            | <ul style="list-style-type: none"><li>▪ Crowdsourced Grocery Shopping</li></ul>  | Sep 2016            |
|                            | <ul style="list-style-type: none"><li>▪ Reimagined car search interface<ul style="list-style-type: none"><li>• Removed the need for users to have any kind of previous knowledge about car specifics</li></ul></li></ul>   | Sep 2015            |
|                            | <b>Extended functionality of Jasper (Voice assistant)</b>  | Aug 2016            |
| AWARDS & OTHER EXPERIENCES | <ul style="list-style-type: none"><li>▪ Built DIY version of connected electrical sockets, using an Arduino board</li></ul>  |                     |
|                            | <b>Passion Project: Home Automation</b>  |                     |
|                            | 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 <i>Amazon Echo</i> , <i>Mycroft.ai</i> , <i>Jasper</i> and <i>Home Assistant</i> .   |                     |
|                            | <b>Awards :</b> 2nd place Amag challenge at HackZurich 2015  |                     |
|                            | <b>Community Service :</b> Teaching Assistant at local Kindergarten  |                     |
|                            | <b>Organisations &amp; Hobbies :</b> Boy Scouts, Coding, Woodworking, Fencing  |                     |

