

# Marvin Bornstein

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## EDUCATION

### ETH ZÜRICH

#### VISITING STUDENT

Sep 2017 – Feb 2018 | Zürich, Switzerland

### HASSO-PLATTNER-INSTITUT

#### M.Sc. IN IT-SYSTEMS ENGINEERING

Oct 2015 - Present | Potsdam, Germany

#### B.Sc. IN IT-SYSTEMS ENGINEERING

Oct 2012 - Sep 2015 | Potsdam, Germany  
 Grade: 1.3

### TU BERLIN

#### GUEST AUDITOR

Apr 2016 - Present | Berlin, Germany

## LINKS

Github:// [mbornstein](#)  
 LinkedIn:// [mcbornstein](#)  
 CTFtime:// [vinstein](#)

## COURSEWORK

### GRADUATE

Machine Learning  
 Image Processing  
 Algorithm Engineering

### UNDERGRADUATE

Information Security (Teaching Asst.)  
 Human Computer Interaction  
 Computer Graphics, OpenGL

## SKILLS

### PROGRAMMING

from projects:

Python • JavaScript • Objective-C • Ruby on Rails • Java

from courses:

C++ • Caffe • Smalltalk • SQL

### LANGUAGE

Full Professional:

German (native) • English

Basic:

Latin • French

## EXPERIENCE

### NEXENIO | JUNIOR SOFTWARE DEVELOPER

since Oct 2016 | Berlin, Germany

- I am developing on neXenio's Nexboard, a real-time, collaborative white board. My focus is on the on the full technology stack of the web application. I also layed the foundation of the computer vision pipeline. On the 4YFN 2017 in Barcelona and the SAPPHIRE 2017 in Orlando, I have introduced the Nexboard and acquired customers.

### SAP LABS | SOFTWARE ENGINEERING INTERN

Aug 2015 – Feb 2016 (7 months) | Palo Alto, CA, USA

- Worked in a 5-people, innovative labs team within at SAP C4C
- Amazon Echo prototype for conversational interaction with CRM data
- Intelligent companion iOS App, briefing users about meetings and participants. Learns meeting locations and optimizes user interaction according to the users situation
- The results were presented at the *SAP TechEd* Las Vegas 2015, *DKOM Germany* 2016 and the *MWC* in Barcelona 2016

### HASSO-PLATTNER-INSTITUT | TEACHING ASSISTANT

Oct 2014 – Feb 2015 (5 months) | Potsdam, Germany

- Having passed the Internet Security lecture with great results, I was asked to assist with the lecture. I helped scoring and preparing the exercises, as well as the two exams. Within practical hands-on sessions, I was available for questions

### OPENHPI | SOFTWARE ENGINEER

Sep 2013 – Nov 2014 (15 months) | Potsdam, Germany

- [openHPI.de](#) is a free eLearning platform offering courses from the HPI about advanced computer science topics. I was working in a team of other bachelor and master students. We have been developing the web application from scratch using ruby on rails. I got a lot of experience about agile and test driven development.

## AWARDS & PUBLICATIONS

Nov 2016	<i>Bloomberg's Favourite</i> award	OxfordHack 2016
Jul 2016	1 <sup>st</sup> Place	OWASP AppSec 2016 Conference CTF
Jun 2016	3 <sup>rd</sup> Place	OWASP AppSec 2016 University Challenge
Oct 2015	Top 3	InnoJam - Coding the Future, Palo Alto, CA   <b>SAP</b>
May 2015	1 <sup>st</sup> Place	OWASP AppSec 2015 University Challenge
Apr 2015	3 <sup>rd</sup> Place	Hackathon   <b>eBay Kleinanzeigen &amp; Mobile.de</b>
Nov 2014	3 <sup>rd</sup> Place	GDG DevFest Berlin   <b>Google</b>

- N. J. P. S. S. M. B. J. L. J. L. J. S. M. U. Martin Boissier, Rainer Schlosser. Data-driven repricing strategies in competitive markets: An interactive simulation platform. RecSys, demo paper, unpublished, 2017.
- M. B. J. L. J. L. J. S. R. S. M. B. M. U. Sebastian Serth, Nikolai Podlesny. An interactive platform to simulate dynamic pricing competition on online marketplaces. EDOC, short paper, unpublished, 2017.