

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 - Oct 2017 | 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 • JS (Node.js, React) •
Objective-C • Java

from courses:

C++ • TF • MXNet

LANGUAGE

Full Professional:

German (native) • English

Basic:

Latin • French • Spanish

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 laid the foundation of a 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

- Amazon Echo prototype for conversational interface 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 st Place	OWASP AppSec 2016 Conference CTF
Jun 2016	3 rd Place	OWASP AppSec 2016 University Challenge
Oct 2015	Top 3	InnoJam - Coding the Future, Palo Alto, CA SAP
May 2015	1 st Place	OWASP AppSec 2015 University Challenge
Apr 2015	3 rd Place	Hackathon eBay Kleinanzeigen & Mobile.de

- [1] M. Boissier, R. Schlosser, N. Podlesny, S. Serth, M. Bornstein, J. Latt, J. Lindemann, J. Selke, and M. Uflacker. Data-driven repricing strategies in competitive markets: An interactive simulation platform. In *Proceedings of the Eleventh ACM Conference on Recommender Systems*, pages 355–357. ACM, 2017.
- [2] S. Serth, N. Podlesny, M. Bornstein, J. Lindemann, J. Latt, J. Selke, R. Schlosser, M. Boissier, and M. Uflacker. An interactive platform to simulate dynamic pricing competition on online marketplaces. In *Enterprise Distributed Object Computing Conference (EDOC), 2017 IEEE 21st International*, pages 61–66. IEEE, 2017.