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 • JavaScript • Objective-C • Ruby on Rails • Java
from courses:
C++ • TF • Smalltalk • SQL

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 layed 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	*Bloomberg's Favourite* award	OxfordHack 2016
Jul 2016	1st Place	OWASP AppSec 2016 Conference CTF
Jun 2016	3rd Place	OWASP AppSec 2016 University Challenge
Oct 2015	Top 3	InnoJam - Coding the Future, Palo Alto, CA | **SAP**
May 2015	1st Place	OWASP AppSec 2015 University Challenge
Apr 2015	3rd 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.