

# Marvin Bornstein

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## EDUCATION

### HASSO-PLATTNER-INSTITUT

M.Sc. IN IT-SYSTEMS  
ENGINEERING  
Oct 2015 - Apr 2019  
Potsdam, Germany

B.Sc. IN IT-SYSTEMS  
ENGINEERING  
Oct 2012 - Sep 2015  
Potsdam, Germany

### ETH ZÜRICH

COMPUTER AND DATA SCIENCE  
Sep 2017 - Feb 2018  
Zürich, Switzerland

### TU BERLIN

GUEST AUDITOR  
Apr 2016 - Oct 2017  
Berlin, Germany

## LINKS

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

## SKILLS

### TECHNOLOGIES

Python, Spark, Java  
SciPy, MXNet, TensorFlow  
TypeScript, Node.js, React  
C++, OpenGL

### LANGUAGES

German (native)  
English (full professional)

## INTERESTS

Data Engineering  
Machine Learning  
Information Security  
Web Services  
Computer Graphics

## EXPERIENCE

### PALANTIR | FORWARD DEPLOYED SOFTWARE ENGINEER

Jun 2019 - present (3yrs) | London, United Kingdom

- Solving high-value business problems across industries in supply chain, manufacturing, sales, infrastructure maintenance and logistics
- Working along the whole tech stack, incl. network security, service interfaces, data transformation and modeling and algorithmic problem solving with a focus on outcomes under constraints
- From Q3 2020, taking the role of tech lead of small and fast-paced implementation teams in the EU and US. Currently leading two teams in our European market and help our customers build own teams and structures to drive business value

### NEXENIO | JUNIOR SOFTWARE DEVELOPER

Oct 2016 - Feb 2019 (2yrs 5mos) | Berlin, Germany

- Developed essential parts of neXboard, a real-time, collaborative white board as one of the companies earliest devs
- Laid the foundation of a computer vision pipeline to scan post-its
- Part of customer outreach at 4YFN in Barcelona and SAPPHIRE in Orlando in 2017

### SAP LABS | SOFTWARE ENGINEERING INTERN

Aug 2015 - Feb 2016 (7mos) | Palo Alto, CA, USA

- Developed *Intelligent companion* iOS App to push CRM sales
- Implemented a context-awareness to optimize user interaction and learning of frequent meeting locations
- 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 (5mos) | Potsdam, Germany

### OPENHPI | SOFTWARE ENGINEER

Sep 2013 - Nov 2014 (1yr 3mos) | Potsdam, Germany

## PUBLICATIONS

- [1] J. Bethge, H. Yang, M. Bornstein, and C. Meinel. Binarydensenet: developing an architecture for binary neural networks. In *Proceedings of the IEEE/CVF International Conference on Computer Vision Workshops*, pages 0-0, 2019.
- [2] 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.
- [3] 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.