

Ben-Noah Engelhaupt

Software Engineering student enjoying sports, nature, working with people, innovating solutions and always striving for the best.

Ben-Noah Maximilian Engelhaupt

Email: career@bengelhaupt.com
Website: bengelhaupt.com
LinkedIn: [@bengelhaupt](https://www.linkedin.com/in/bengelhaupt)
GitHub: [@bengelhaupt](https://github.com/bengelhaupt)



Education

Hasso Plattner Institute/M. Sc. IT-Systems Engineering
Since October 2020, Potsdam, Germany

Hasso Plattner Institute/B. Sc. IT-Systems Engineering
October 2017 - July 2020, Potsdam, Germany

Relevant Coursework: Software Architecture, Internet and WWW Technologies, Internet Security, Enterprise Data Processing, Operating Systems, Database Systems, Graphic Systems, Human Computer Interaction, Process-Oriented Information Systems

Topic of Bachelor Thesis: "Trust structures in blockchain-based digital credential ecosystems"

Ernst-Abbe-Gymnasium/Abitur

August 2009 - July 2017, Eisenach, Germany

Main subjects: German, Mathematics, English, Economics and Law, Physics

Experience

Hasso Plattner Institute/Student Assistant Mobile Authentication Research

Since March 2020, Potsdam, Germany

Research on biometric and two-factor authentication frameworks, blockchain-based authentication

Hasso Plattner Institute/Student Assistant Android Developer

Since March 2018, Potsdam, Germany

Development of MOOC learning apps

Technology stack: Java, Kotlin, Android SDK, Material Design, Realm
Apps: 'OpenWHO', 'openSAP', 'openHPI', 'mooc.house', 'lernen.cloud'

B-S-S Business Software Solutions/Intern

July 2015 and October 2016, Eisenach, Germany

Web application development and integration for the Microsoft Office 365 platform; Security assessment of Android Apps

Technology stack: JavaScript, Angular, Ionic

JD Norman Industries/Intern

July 2014, Hørselberg-Hainich, Germany

Mechanical Engineering, Accounting, Product Management

Skills

Languages

German (mother tongue)
English (fluent)
Latin (basic)

Programming Languages

Most experienced with
Kotlin, Java

Some experience with
C, C++, Smalltalk, JavaScript, PHP, Solidity

Less experienced with
Python, C#

Other Technologies and Frameworks

Git, Linux, Android, HTML, CSS, Angular, Spring, SQL, Arduino, Ethereum

Software Development

Design Thinking, Scrum, UML Modeling, BPMN

Projects

Academic Credentials in the Digital Age

October 2019 - July 2020, Hasso Plattner Institute / Digital Credentials Consortium

Development of a decentralized infrastructure for issuance and verification of digital credentials.

Technology stack: Ethereum, Solidity, Kotlin, Spring, Angular

Awards

HackZurich 2020/Winner of LafargeHolcim MAQER challenge

September 2020, Zurich, Switzerland

For a tool supporting concrete transportation businesses in Nigeria by structurally visualizing traffic events and proposing routes that positively impact travel time, carbon footprint and safety.

HackZurich 2019/Winner of LegalTech challenge

September 2019, Zurich, Switzerland

For 'Legislatory', a tool helping lawyers keep track of recent changes and developments in the Swiss legislation process.

Inverso Softwarewettbewerb/Second Place

March 2017, Ilmenau, Germany

For 'ACIS', a framework for building voice assistants.

Voluntary Activities

Ernst-Abbe-Gymnasium

Since 2013, Eisenach, Germany

Technical maintainer of the school website and mobile app 'AbbeApp' as well as supporter of the 'Homepage AG'