

Jonas Schäfer

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Education

University of Birmingham

Birmingham, United Kingdom

Bachelor of Science (BSc) in Computer Science

09/2018 – Present

- Expected graduation in June 2021
- First year Computer Science courses (20CP each): *Programming in Java, Mathematical Foundations, Artificial Intelligence, Data Structures & Algorithms, Logic & Computation*
- First year Widening Horizons Module - Astronomy (20CP): *The Cosmic Connection*

Warndt-Gymnasium, Völklingen

Geislautern, Germany

Secondary School

08/2010 – 07/2018

- Graduated **Abitur 1.5** with examination subjects:
English - 14, Mathematics - 13, Informatics - 12, Geography - 10, German - 13
- Honor received for **Year's best Informatics exam**

Programming Experience

Game Design: Asteroids - Project Work

04/2017 - 05/2017

Warndt-Gymnasium: Informatics (using Pascal)

- Team effort of the whole Informatics class to design and implement the arcade video game *Asteroids*

Email-Address Finder - Assignment

10/2018 - 11/2018

University of Birmingham: Programming in Java

- Implementation of a *findEmailAddress* method to read valid emails out of a corrupted database file *corruptedddb*
- Mark: 95/100
- Code can be found on my [github-repository](#)

Internship Experience

Engineering Internship "IngFo" at Saarland University

07/2015

- 2 week Internship introducing me to a wide range of Engineering fields:
Materials Engineering, Materials Science, Systems Engineering, Automation Engineering, Construction Technology, Metrology, Drive Technology, Micro- and Nanotechnology
- Through group working on a wide range of engineering areas I developed communication and problem solving skills and extended my general science knowledge
- Gained insight into the work of *HYDAC International GmbH & ZF Friedrichshafen AG*

Extracurricular Activities

Astronomy Talk

03/2017

- Advertising science subjects at the *Science night* of the Warndtgymnasium by giving a talk about Astronomy
- Improved presentation skills and demonstrated the ability to share enthusiasm (*for Science*)

Free tutoring lessons (Mathematics)

Skills & Interests

Programming: Java, Pascal (basic), Python (basic)

Markup: L^AT_EX, Markdown

Technologies / Tools: Git

Languages: German (native), English (fluent), French (advanced), Polish (beginner)

Interests: Programming, Science (esp. Space), Playing the guitar & piano, Listening to music, Languages, Travelling

[References available on request - CV last updated as of March 3, 2019]