

# Erik Buchholz

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\* 12th February 1995

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## Education

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### **2017 - 2020 | RWTH AACHEN | MASTER COMPUTER SCIENCE WITH HONORS**

- Final Grade: 1.0
- Study Focus: Privacy and IT Security
- Applied Course: Business Administration
- Additional Examinations: 4 Spanish subjects, 2 additional IT subjects

### **2017-2018 | UNIVERSITY OF TECHNOLOGY SYDNEY | YEAR ABROAD**

- Participated in 6 subjects (equaling 45 credit points)
- Grade: 1.0 in all subjects

### **2013 - 2017 | RWTH AACHEN | BACHELOR COMPUTER SCIENCE WITH HONORS**

- Final Grade: 1.1
- Applied Course: Physics
- Additional Examinations: 2 Spanish subjects
- Bachelor Thesis and Seminar Area: Privacy and IT Security

### **2005 - 2013 | ALBERT-SCHWEITZER GYMNASIUM WOLFSBURG | ABITUR**

- Final Grade: 1.0
- Focus Subjects: Physics, Math and Chemistry
- Other Examinations: German and History



## Practical Experiences

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### **APRIL 2019 – OCTOBER 2019 | RWTH AACHEN | SCIENCE ASSISTANT**

- Research assistance at institute “Communication and Distributed Systems“
- Assistance in creating scientific papers
- Evaluation of software projects

### **AUGUST - DECEMBER 2017 | UNIVERSITY OF TECHNOLOGY SYDNEY | PYTHON TUTOR**

- Independent teaching
- Establishment of a new course for students of all faculties including creation of materials, preparation, and presentation

### **2015 - 2017 | RWTH AACHEN | TUTOR**

- Summer Semester 2018: Operating Systems and System Software
- Winter Semester 2016/17: Introduction to Management Science (IT for business students)
- Summer Semester 2016: Operating Systems and System Software
- Winter Semester 2015/16: Computability and Complexity
- Summer Semester 2015: Operating Systems and System Software

## Languages

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- **GERMAN** | Native speaker
- **ENGLISH** | Fluent in speech and writing (both theses written in English)
- **SPANISH** | Level B2

## Qualifications

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- **2019 | PN Level 1 Exercise Nutrition Certification | Precision Nutrition**
- **2017 | BUiLD Leadership Program | UTS**
- **2017 | Toastmasters Speechcraft | Communication and Leadership Seminar**
- **Medical Training A | DLRG Wolfsburg**

### Programming Languages:

Python ●●●●●

Java ●●●●●

C++ ●●●●●

C# ●●●●●

PHP ●●●●●

JSP ●●●●●

## Awards

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- **Dean's List of RWTH Aachen** (Membership in upper 5% of CS students) - *since 2014*
- **German Education Fund** – *Study years 2015/2016, 2017/2018 und 2018/2019*
- **Seminar Award of FOLKS** for the best seminar work - *2016*
- **Annual Scholarship of the DAAD** for both semesters in Australia
- **27. Rank of 535 students in module "Data Structures and Algorithms"** - *2014*
- **Best High School Graduate in Wolfsburg** - *2013*

## Social Commitment

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### AUTUMN 2017 | LITTLE LIFT

- Voluntary work in rural Australia
- Assistance for building leisure facilities, renovation of the village school and more

### 2011-2015 | SHOOTING CLUB ALMKE

- Assistance for planning and organization of events

### 2011 - 2013 | DLRG WOLFSBURG

- Water rescue service and assistance for children swimming classes

## Personal Interests

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- **CrossFit/Weightlifting**
- **Nutrition**
- **Running (Half-)Marathon**
- **Salsa**
- **Spanish**
- **Travel**