

Florian Chudigiewitsch

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Education

Leibniz Universität Hannover

Master of Science, 1.0 (4.0 GPA)

Computer Science

Master thesis: *Computational Complexity of Deciding Provability in Linear Logic and Its Fragments*, 1.0 (4.0 GPA)

Hannover

2018–2021

TU Wien

ERASMUS+ Exchange Semester,

Logic and Computation

Vienna

winter term 2020

Leibniz Universität Hannover

Bachelor of Science, 2.0 (3.0 GPA)

Major in Computer Science, Minor in Mathematics

Bachelor thesis: *Separationslogik*, 1.0 (4.0 GPA)

Hannover

2015–2018

Städtisches Gymnasium Beverungen

General University Entrance Qualification, 1.7 (3.3 GPA)

Beverungen

2007–2015

Experience

Scientific Assistant

Job description:

Leibniz Universität Hannover

2017–2021

- Tutor: Complexity of Algorithms (3x), Introduction to Theoretical Computer Science (2x), Physics for Industrial Engineers (2x), Programming II (2x), Logic and Formal Systems, Programming I.
- Creation of lecture notes for the graduate courses Complexity Theory, Cryptography and Efficient Algorithms.
- C++ Developer for the RESRI-Workgroup: Extension of the particle simulation framework Geant4 to find effective shieldings for microelectronic components.
- Developer and Software Engineer for the project "DSSARTH": Development of a discrete simulation to forecast the development of vermin population in greenhouses to minimize the use of pesticides.

Internships

Management Services Helwig Schmitt GmbH

C# and SQL Developer

Hofgeismar

2014

Brielmedia

Web Developer

Hofgeismar

2013

Languages

German: native speaker

English: GeR: B2/C1, TOEFL iBT 2018: 111/120

Russian: GeR: A2/B1

Chinese: GeR: A1.1

Latin: Latinum

Skills

Programming Languages: C++, Java, Python, MATLAB, Julia, Haskell

Development Tools: JetBrains IDEs, Git Flow

Miscellaneous: \LaTeX , Linux, White Hat Hacking

Honors and Awards

Scholarship “ERASMUS+ Grant”: Financial support for an exchange semester at TU Wien. 2020

Admission to the Dean’s List: The Dean’s List is the list of the highest performing students of every course of studies. 2020

Scholarship “Deutschlandstipendium”: The scholarship is awarded to the best students of each faculty of Leibniz Universität Hannover. 2019

Free One-Year Membership at the Gesellschaft für Informatik (German Informatics Society): For outstanding performance in the course “Complexity of Algorithms”. 2018

Hack{it}over powered by talanx: Second prize for personalized ads and customer care through automated psychological evaluation of social media posts. 2018

Scholarship of the HDI-Foundation: For demonstrated excellent performance in education and on recommendation of Prof. Dr. Schneider of the Institute for Software Engineering. 2018

Hackvention AR/VR Hackathon: Special prize for best team without prior knowledge in AR/VR development. 2017

Jugend Forscht:

- Statewide competition 2014: third price.
- Statewide competition 2015: second price. 2014, 2015

Further Awards for Jugend Forscht:

- Honored by the district administration of Höxter 2014 and 2015.
- President of the district government Detmold 2014 and 2015.
- Presentation of the paper on request of the JugendForscht Stiftung e.V. Hamburg at the Didacta 2015 in Hannover.

Nationwide Russian-Olympics of the DRLV: Creative competition first price. 2012, 2013

Förderpreis der Wirtschaft: For outstanding performance in the courses of biology, chemistry, mathematics and physics. 2012

Certificates and Specializations

IBM Quantum Challenge

Spring 2020, Fall 2020, Spring 2021 2020, 2021

Functional Programming in Scala

École Polytechnique Fédérale de Lausanne via Coursera Nov. 2019

IBM Data Science

IBM via Coursera Oct. 2019

Mathematics for Machine Learning

Imperial College London via Coursera Oct. 2019

Understanding Quantum Computers

Keio University via Futurelearn Oct. 2019

Miscellaneous

Activities

- Singing lessons at CKVL Hannover 2018–2020
- Guitar lessons at the music school Hofgeismar 2006–2014
- Taekwondo-Training at the TSG Hofgeismar (7th Kup) 2008–2013

Memberships

- Deutsche Mathematiker-Vereinigung (German Mathematical Society) since 2019
- Gesellschaft für Informatik (German Informatics Society) since 2018
- Deutsches Jungforscher Netzwerk JuFORUM e.V.
(German Network of Young Scientists – juFORUM) since 2018