Florian Chudigiewitsch

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Education

Leibniz Universität Hannover	**Hannover**
Master of Science,	*since 2018*
Computer Science	
TU Wien	**Vienna**
ERASMUS+ Exchange Semester,	*winter term 2020*
Logic and Computation	
Leibniz Universität Hannover	**Hannover**
Bachelor of Science, 2.0/3.0 GPA	*2015–2018*
Major in Computer Science, Minor in Mathematics	
Bachelor thesis: *Separationslogik, 1.0/4.0 GPA*	
Städtisches Gymnasium Beverungen	**Beverungen**
General University Entrance Qualification, 1.7/3.3 GPA	*2007–2015*

Experience

Scientific Assistant	**Leibniz Universität Hannover**
Job description:	*2017–2021*

- Creation of lecture notes for the graduate courses Complexity Theory, Cryptography and Efficient Algorithms
- 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
- 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	**Hofgeismar**
C# and SQL Developer	*2014*
Brielmedia	**Hofgeismar**
Web Developer	*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

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 price for personalized ads and customer care through psychological evaluation of social media posts. *2018*

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

Hackvention AR/VR Hackathon: Special price for best team without prior knowledge in 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 *2020*

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*