

Niklas Steenfatt

Trinity College, Cambridge CB2 1TQ
+44(0)7546280496 | niklas@steenfatt.me

EDUCATION

- 2017 - **University of Hamburg** MSc Computer Science
2018
 - Expected graduation in June 2018
- 2016 - **University of Cambridge, Trinity College** MAST Applicable Mathematics
2017
 - Part III (postgraduate), focus on statistics and probability
- 2015 - **University of Cambridge, Trinity College** Visiting Scholar in Pure Mathematics
2016
 - Part II (undergraduate), focus on logic and combinatorics
- 2012 - **Studienstiftung des deutschen Volkes** Scholarship
2017
 - Awarded for outstanding academic potential; extended in 2014, 2016
- 2011 - **University of Hamburg** BSc Computer Science
2015
 - Top of the year, GPA 1.15 (Germany)
 - Projects on Android development (Java, Scala, Python) and network security
 - Dissertation on model checking (algorithms implemented in Python)
- 2009 - **Gymnasium Allee** A levels (Abitur)
2011
 - Top of the year, GPA 1.0 (Germany)

WORK EXPERIENCE

- 2016 **Summer Intern, Royal Bank of Scotland, Technology Audit, London**
 - Audited a large-scale technology migration project involving ETL
 - Performed control-design assessments and produced written reports
 - Spotted a possible improvement in the company's security policy; was invited to present the suggestion to the Head of Technology Audit
- 2012 - **Assistant Teacher, University of Hamburg, Informatics Department**
2015
 - Supervised example classes (~ 10 participants) and gave tutorial lectures (~ 100 participants) for several theoretical and practical courses

PROGRAMMING EXPERTISE

- 2016 **Payments Authorisation App for Android, RBS Hackathon London**
 - Three days of development using Java and XML
- 2014 **Online Chess App for Android, Bachelor Project at University**
 - Three weeks of development using Scala, Python, pgSQL, XML, JSON, TCP/IP
- 2016 **Wikipedia Categorisation Robot, Wikimania Hackathon in Hong Kong**
 - Two days of development using Python, pgSQL, TCP/IP, JSON
- 2016 **Algorithms and System Software, Lecture Courses at University of Hamburg**
 - Attended: Foundations of System Software, Algorithms & Data Structures, Software Development I/II/III, Advanced Algorithms, Theoretical Computer Science I/II, Computer Architecture, Foundations of Knowledge Processing
- 2016 **Programming Concepts, Teaching at University of Hamburg**
 - Supervised classes and gave tutorials in: Software Development (Java), Functional Programming (Racket), Logic Programming (Prolog), Theoretical Computer Science (Algorithms & Logic)

SKILLS & INTERESTS

Languages	German (native), English (fluent), Russian (CEFR A1)
Technology	Python, Scala, Java, R, SQL, Excel, VBA, TCP/IP, XML, JSON, Linux, Android
Societies	Dancesport Team, Marshall Society, German Society
Interests	Machine Learning, Economics, Russian Literature, Ballroom Dancing, Chess