



George

PHD, THE OPEN UNIVERSITY

EDUCATIONAL BACKGROUND

PhD, Computer Science

The Open University, Present



- 2nd year PhD student
- Research on the use of computer games in cyber security training and assessment
- Writing a paper to present and publish at the 17th European Conference on Game-Based Learning
- Writing a journal article
 - Study of existing cyber security training and attitudes towards game-based training

MMathCompSci, Mathematics & Computer Science

University of Oxford



- 1st class
- Christ Church College
- Areas of expertise:
 - Cyber security and quantum security
 - Algorithms and complexity
 - Computational game theory
- Areas of interest:
 - Information theory and graph theory
 - Mathematical analysis
 - Probability and statistics
 - Artificial intelligence and machine learning

TEACHING EXPERIENCE

Graduate Consultant

Freelance | 2020 - present

- GCSE and A Level tuition in Maths, Further Maths and Computer Science
- G5 University admissions
- Personal statement support
- Admissions test guidance, especially MAT and TMUA
- Interview preparation
- Postgraduate admissions

PERSONAL PROFILE

With experience of university-level support, George can challenge even the most able mentees and encourage them to do their very best!

QUALIFICATIONS OVERVIEW

- ★ Pursuing a PhD at the Open University
- ★ MMathCompSci in Mathematics and Computer Science from Oxford University
- ★ 2 A*s and 2 As at A Level

SUBJECTS TAUGHT



Maths



Advanced maths



Computer Science



Admissions

KEY ACHIEVEMENTS

- ★ Helped run the Oxford admissions interviews
- ★ Gold Award in UK Maths Challenge 8 years in a row
- ★ Has developed computer science applications in conjunction with industry professionals



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TEACHING EXPERIENCE

Practical Classroom Demonstrator

Department of Computer Science, University of Oxford | 2020 - 2021



- Demonstrated at undergraduate Machine Learning practicals
- Signed off on students' work
- Responsible for examining undergraduate work
- Responding to enquiries and assisting with student queries

PROFESSIONAL EXPERIENCE

Intern

Think Marble Ltd | 2018



- Created a large SQL database from inconsistently formatted data
- Wrote a tool for easily checking security settings on computers

Cyber Security Scholarship Placement

Cyber Security Academy | 2017-2021



- Selected for a highly competitive UK government cyber security scholarship
- Took part in various internships, self-study and teaching programs
- Successfully completed the demanding scholarship program

STUDENT SUCCESS STORY

George supported student Joshua in his application to read Computer Science at Cambridge. George tutored Joshua over the course of a year and a half, helping Joshua develop his skills and knowledge from the ground up, assisting him with an A Level Computer Science project, supporting him in crafting his personal statement and improving his TMUA admissions test scores. When Joshua was invited for an interview, George ran a series of mock interviews with him, building upon the work they have done together to further improve his performance.