

Christopher Michael Graham

Curriculum Vitae

Personal Details

Address: School of Mathematics and Statistics,
University of Newcastle Upon Tyne,
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Born: 12th January 1982
United Kingdom

Education

Sept 2006 – present: University Of Newcastle Upon Tyne

Studying for **PhD Mathematics**

Subject area: Cosmological aspects of high energy particle physics.

Sept 2005 – Sept 2006: University Of Newcastle Upon Tyne

**MSc in Relativity, Astrophysics and Cosmology,
Pass with Distinction.**

Subject areas: Cosmology, general relativity and differential geometry, superfluids, galactic magnetic fields, solitons, numerical and computer modelling, developments in relativity, particle physics, quantum field theory

Sept 2000 - June 2003: University Of Newcastle Upon Tyne

**BSc Astronomy and Astrophysics,
II-I classification.**

Subject areas: Quantum Mechanics, Cosmology, Instabilities, Special Relativity, Gravitational Fields, Interstellar Medium, Particle Physics, Observational Astronomy, Mathematical Modelling, Planetary Motion, Fundamental Physics, Astrophysical Fluids.

Sept 1998 - June 2000: Tynemouth College, North Shields, Tyne and Wear.
A-Levels: Mathematics(A), Physics(A), German(B).

Sept 1993 - July 1998: Marden High School, Cullercoats, Tyne and Wear.
GCSEs: English Language(A), English Literature(A), Mathematics(A), Science Double Award(A), Systems & Control Technology(A), Geography(A), German(A), History(A).

Other Qualifications

July 2003: Emergency First Aid Certificate
June 2000: RSA Integrated Business Technology Stage II

Employment

- Sept 2006 – present: **Newcastle University**
- Teaching tutorial and drop-in sessions for a core 2nd year undergraduate course.
 - Marking students' assignments.
- Mar 2006 – present: **Self-Employed Climbing Coach**
- Currently working with the Rock Solid Junior Climbing Team.
 - Helping children between 7 and 17 years old of variety of standards to excel in climbing.
- Oct 2005 - present: **Self-Employed Climbing Instructor/Route-setter**
- Part-time work as Instructor and Route-setter.
 - Instruction of a variety of groups to introduce climbing and climbing skills.
 - Responsible for changing climbing routes and organising local competitions.
- Dec 2005 – Sept 2006: **Swarland Avenue Surgery**
- Part-time work updating the surgery's patient database.
- Oct 2003 - Sept 2005: **Scotmid Plc**
- Branch Supervisor.
 - Responsible for the general running of a busy inner city store.
 - Management of staff, stock and deliveries.
- Jan 2003 - Oct 2003: **Sunderland Climbing Centre**
- Part-time work as Instructor and Route-setter.
- Sept 1999 - Dec 2001: **University of Northumbria at Newcastle Library**
- Shelves; responsible for replenishing shelves, dealing with customer enquiries and general maintenance of a floor of the library.

Interests

I have been a member of the British Competition Climbing Team since 2002 and have represented Great Britain at 6 World Cups and a European Championship. I regularly rock climb on the crags of Northumberland. Other interests include filmmaking, cinema and website design.

References

Academic

Professor Ian Moss, Professor in Theoretical physics (PhD Supervisor), School of Mathematics and Statistics, University of Newcastle Upon Tyne. NE1 7RU.

Professor Anvar Shukurov, Professor in Astrophysics (MSc Supervisor), School of Mathematics and Statistics, University of Newcastle Upon Tyne. NE1 7RU.

Dr Gerard McCarten, Lecturer (BSc tutor).
School of Natural Sciences, University of Newcastle Upon Tyne. NE1 7RU.

Professional

Mrs Anita Mayhew, Practice Manager.
Swarland Avenue Surgery, 2 Swarland Avenue, Newcastle Upon Tyne. NE7 7TH.

Mr Colin Orr, Manager.
Scotmid Bruntsfield, 132 Bruntsfield Place, Edinburgh. EH10 4ER.