

1 Personal Information

Home Address: ‘Lendor’, Coleford Rd, St. Briavels, Lydney, Gloucestershire, GL15 6TW

Term-time Address: St. John’s College, Oxford, OX1 3JP

DOB: 01-08-1991

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2 Education and Qualifications

2009 - Present **Oxford University**

Mathematics MMath

First Year: 1st, 83%, within top 10 candidates course-wide

Predicted: 1st

2002 - 2009 **Wyedean School and Sixth Form**

A Levels: Grade A in Further Mathematics, Mathematics, Physics, German

AS Levels: Grade A in Geography, Critical Thinking

GCSEs: 12 A* Grades, including Mathematics, Statistics, and English language.

2008, Feb - Oct **Open University**

Distinction in MT262: Putting Computer Systems to Work (via *Young Applicants in Schools* scheme)

3 Computing

- Competent in various programming languages: most comfortable in Python, Haskell; also able in Java, Javascript, C++, PHP, Maple CAS. Used git version control extensively.
- Some experience in Common Lisp, Emacs Lisp (small collaborative projects); shell scripting, lua.
- Familiar with web technologies (html(5), css, JQuery), frameworks (Django, Google App Engine). Proficient with L^AT_EX.
- Good knowledge of Linux (Archlinux user)
- (Dvorak) Touchtypist
- Participated in IPSC 2009 <http://ipsc.ksp.sk/> - an online team-based programming competition
- Participated in the ACM Regional Competition in Bremen, Germany

4 Other Skills

Languages German, strong written and spoken; French, mainly conversational; Mandarin Chinese, basic.

5 Work Experience

Summer 2010 **Glaxosmithkline, Gloucestershire** (via Randstad Employment Agency)

- Variety of production roles in a high throughput manufacturing environment
- Operating machinery
- Working ‘continental’ shifts (0600-1800, 1800-0600), often at short notice

6 Positions of Responsibility

- Committee Member of the Oxford Transhumanists Society
- Currently serving as IT Officer for “The Invariants” - Oxford University Maths Society. Created www.invariants.org.uk
- Mentoring Coordinator at Wyedean Sixth Form 2008-2009

7 Interests and Hobbies

Active interests include Kayaking, Caving, Ice-skating, reading and ball-room dancing.

8 Referees

Professor Charles Batty, St. John’s College, Oxford, OX1 3JP charles.batty@sjc.ox.ac.uk

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