


DR. OLIVER BAZELY

 On request
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 <https://geonaut.co.uk/>

PERSONAL DETAILS

Date of Birth:	06/10/1981	Nationality:	British
Age:	35	Driving licence:	Full, clean UK Licence
Marital status:	Unmarried	Current location:	Oxford, UK
Employment status:	Employed	References:	On request

EMPLOYMENT HISTORY

Mar. 2017 – Present: *Sabbatical – Switching from PHP to Python*

- Activities:**
- Set up personal portfolio site geonaut.co.uk, using Django & WagtailCMS
 - Learning via online resources, such as Coursera & LearnPythonTheHardWay
 - Learning from textbooks, such as Fluent Python and Two-Scoops of Django

Oct. 2011 – Mar. 2017: *IT Manager, DDC Ltd., Leicester, UK*

- Role:**
- Full-stack PHP web development
 - Contract & tender management
 - Information security
 - Compliance (ISO27001 & 9001)
 - Quality assurance
 - Network administration

- Highlights:**
- Novel ISMS, QMS, risk assessment and digital staff manual, leading to ISO9001 & ISO27001 accreditation, and successful recertification in 2015
 - Establishment of a 5-person web development team, including software workflow, task management, design & recruitment processes
 - Migration of a live server between data centres
 - Obtained R&D tax relief, and contributed to successful public sector tenders, including custom KPI database queries and information security assurance
 - Front-end redesign, back-end refactoring of complex customer-facing app
 - Data protection processes audited by the ICO and found to be “excellent”

Apr. 2010 – Sept. 2011: *Post-doctoral researcher, Niterói University, Rio de Janeiro, Brazil*

- Role:**
- Paleoclimatology & geochemistry
 - Training researchers
 - Conference and paper preparation
 - Laboratory work
 - Field work
 - Group website development

- Highlights:**
- Helped to establish a new paleoclimatology research group
 - Collaboration with Petrobras (Brazilian state oil company)
 - Became fluent in Brazilian Portuguese
 - Conference submissions and lecturing

EDUCATION

Oct. 2004 – Sept. 2009: *Ph.D Physical Geography, University of Cambridge*

Title: Black Sea Paleoclimatology and Tephrochronology

- Specialisations:**
- Paleoclimatology & geochemistry
 - Palynology (pollen analysis)
 - Tephrochronology (volcanic ash)
 - Extensive laboratory work
 - Field work
 - Tutorials and teaching

- Highlights:**
- Organised extended fieldwork in Russia
 - Contributed to inter-disciplinary project 'EFCHEd'
 - Secondment to University of Lyon 6, France & WHOI, USA
 - Developed a palynological database 'CUPOD'

Oct. 2003 – Sept. 2004: *M.Phil (equiv. M.Sc) Physical Geography, University of Cambridge*

- Activities:**
- Paleoclimatology & geochemistry
 - Masters Thesis

Oct. 2000 – Sept. 2003: *B.Sc Physical Geography, University of Leeds*

- Activities:**
- Graduated with 2:1 degree
 - Final project on climate science

Oct. 1993 – Sept. 2000: *Loughborough Grammar School*

- Exams:**
- 4 A-Levels (AABB incl. Business Studies Prize for highest mark)
 - 9 GCSE (8A's & 1B) including maths, English & 3 sciences

TECHNICAL & PROFESSIONAL COMPETENCES

- Python for web-development (Django)
- PHP for web-development (Zend framework)
- DevOps (Linux, bash, Vagrant, Ansible, AWS)
- Continuous Integration workflow, including TDD, versioning, QA & deployment
- Development tools (Trello, Jira, GitHub)
- Data analysis and statistics, including Excel, Statistica, OriginLab and Bayesian methods
- Geochemical analysis (XRF, ICP-MS)
- Typesetting & document preparation (LaTeX)
- Extensive technical and graphical data presentation, ranging from Photoshop to publication-grade technical diagrams
- Knowledge of ISO27001:2015, ISO9001:2008, PCI-DSS and data protection
- Personnel management & recruitment
- Full competence with MS Office suite
- Network administration (MS Server 2008 R1)
- Fluent Portuguese
- Numerous presentations and lectures given

PUBLICATIONS (PEER REVIEWED)

- A Laacher See-eruption supplement to Tephabase: Investigating distal tephra fallout dynamics. (2011) Riede, F., Bazely, O., Newton, AJ., Lane, CS. In: Quaternary International, Vol. 246, p. 134-144
- Testing the 'Laacher See hypothesis': a health hazard perspective (2009) Riede, F., Bazely, O. In: Journal of Archaeological Science, Vol. 36 (3), p. 675-683

INTERESTS AND PERSONAL PROFILE

I have a varied background in geoscience and IT, which is underpinned by a strong technical and quantitative skillset. During my Ph.D, I used extensive ecological and geochemical approaches to investigate the ice-age environment of the Black Sea region. This involved field work in Russia, and secondments to universities in St. Petersburg, Woods Hole (US) and Lyon. After my Ph.D, I had the opportunity to study in Brazil, which allowed me to fulfil an ambition to learn a language, and to live outside Europe. On returning, I decided to switch to IT, as I have always enjoyed programming and computers, and IT is an in-demand and challenging sector. I have rapidly moved into full-stack web development, and enjoy the technical challenge of programming, as well as managing a busy team.

I have a deep interest in the environment, and I have been an active in protesting and climate change initiatives, as well as enjoying outdoor pursuits and volunteering. I obtained my Gold Level Duke of Edinburgh award, and volunteered to guide younger participants. I have also worked as a freelance journalist for the St. Petersburg Times and the Rio Times. My current interests include touring on my bike, hiking in the UK and Europe and road riding with my local cycle club, the Cowley Rd. Condors.