

IAN WELLAWAY

IT Professional with over 24 years' experience in the industry. Self-motivated computer programmer specializing in Python/Django and assisting with a wide range of University research projects.

EXPERIENCE

FEB 2018 – PRESENT

RESEARCH IT DEVELOPER, UNIVERSITY OF EXETER

Research project work:

- *OPTED/Meteor* – Political Text Database
Frontend web development in ReactJS using Material Web design and Dgraph API
<https://meteor.opted.eu/>
- *Forms of Labour* – History
Access Database development
<https://formsoflabour.exeter.ac.uk/>
- *Smartline* - European Centre for Environment & Human Health
Python/Django website using MS SQL database to store energy sensor readings from Cornish homes.
<https://www.smartline.org.uk/>
- *AveTransRisk* – Maritime History
Python/Django web project involving capturing data from remote Mediterranean sites and presenting online for analysis
<https://humanities-research.exeter.ac.uk/avetransrisk>
- *TerraHunting Experiment* – Astrophysics
Python programming used by the Isaac Newton Telescope in La Palma to schedule targets for observation and store the results.
<https://www.terrahunting.org/>
- *MaxLLG* – Physics
Developing a Python Flask solution allowing users to create a CAD version of a conductive material and run through a solver program that calculates magnetism written in C before analyzing the results in Matplotlib.
<https://maxllg.com/>

NOV 2013 – JAN 2018

SENIOR SYSTEM SUPPORT AND DEVELOPMENT OFFICER, UNIVERSITY OF EXETER

- Developing student systems with Tribal SITS
- Oracle Database Administration
- Assisted in Python programming workshops for undergraduates

MAR 2012 – OCT 2013

WEB DEVELOPER (SECONDMENT), UNIVERSITY OF EXETER

- Dspace repository administration and development of a 'Big Data' transfer system using Globus

OCT 2009 – FEB 2012

SENIOR SYSTEM SUPPORT AND DEVELOPMENT OFFICER, UNIVERSITY OF EXETER

- Developing student-based systems using PHP/MySQL

MAR 2007 – SEP 2009

ASSOCIATE LECTURER (PART-TIME), OPEN UNIVERSITY

- Computer Programming distance learning tutor for M257: 'Putting Java to Work'

JAN 2003 – SEP 2009

COMPUTING DEVELOPMENT OFFICER, UNIVERSITY OF EXETER

- Developing higher education related web projects
- Tutored introductory computing courses including Java, Javascript and Visual Basic.Net
- Supported distance learning students

APR 2000 – DEC 2002

WEB DEVELOPER, TUI

- Developed and supported a portfolio of websites for an international travel company

FEB 1999 – MAR 2000

ADMIN MANAGER, TUI

- Managed a team of 12 administration assistants responsible for dispatching tickets and holiday documents

MAR 1997 – JAN 1999

PROGRAMME ASSISTANT, TUI

- Holiday sales and administration

JUL 1995 – FEB 1997

SHORT TERM WORK AND TRAVELLING, VARIOUS

- Travelling around Europe, Autumn 1996 – Spring 1997
- Canvas Holidays Campsite Rep, France, Summer 1996
- National Milk Records Laboratory Technician, Autumn 1995 – Spring 1996
- MGM Cinema Usher, Summer 1995

EDUCATION

JUL 1995

ENVIRONMENTAL BIOLOGY BSC (HONS) 2ii, SWANSEA UNIVERSITY

- Studied Ephemeroptera (Mayflies) for an honours degree and volunteered in conservation projects

JUN 1992

A LEVELS, YEOVIL COLLEGE

- Biology (C), Chemistry (C), Maths & Statistics (C)

JUN 1990

GCSEs, PRESTON SCHOOL, YEOVIL

- 9 GCSEs including Maths & English

PROFESSIONAL DEVELOPMENT

- Professional Registration for IT Technicians (RITTech) – Dec 2018
- Oracle Database 12c Introduction – Apr 2017
- ITIL® Foundation certificate in IT Service Management – Oct 2016
- The Open Group Architecture Framework (TOGAF) - Sep 2016
- Introduction to SSRS – Apr 2014
- Completed OU course M874 Software Applications for Networked Applications using Java – 2001
- Web Development with Java - 2000
- Introduction to Management - Mar 1999

SKILLS

- Programming – PHP, Python, Django, Flask, CSS, HTML, JQuery, Javascript & React JS
- Team working
- Database Administration – MS SQL, Oracle, MySQL & Postgres
- Highly organized and self-motivated
- Communication with IT colleagues and non-technical staff
- Further & Higher Education Teaching Experience