Matthew Ingle

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**EDUCATION**

09/2010 – 08/2014

**University | City, Country**

**PhD: Positron Physics**

Supervisor: Professor Surname

Thesis Title: [Title]

09/2009 – 08/2010

**University | City, Country**

**MSc: Materials Science and Engineering**

Thesis Title: [Title]

09/2005 – 08/2009

**University | City, Country**

**BSc: Materials Engineering**

**PERSONAL STATEMENT**

A committed, knowledgeable and capable Research Fellow. Extensively published in theoretical and experimental work, with significant expertise in statistical analysis. Highly experienced in project and team management, strategic planning and budget management, as well as design and construction of new instruments. A confident presenter and teacher, able to impart complex information to audiences of all levels. Seeking a supervisory role.

**EMPLOYMENT HISTORY**

10/2015 – Present

**Research Fellow | University, City, Country**

* A two-year research position, working within the AMO programme
* Conducts supervisory panels for PhD students
* Supervises honours and undergraduate students

05/2013 – 02/2015

**Research Fellow | University, City, Country**

Principle Investigator for the [Name] research group – working with 5 international researchers whose first languages were not English, with a budget of €40,000

* Built a new version of a [Name], using a [Name]
* Successfully managed the project, budget, team and equipment
* All researchers went on to either suitable jobs or to PhDs

06/2014 – 05/2015

**Research Fellow | University, City, Country**

* Secured this position after PhD. Involved teaching undergraduates as well as developing innovative ceramic nanomaterials for LEDs, OLEDS and other display devices
* Developed highly sensitive metal oxide semiconductor-based gas sensors
* Various metal oxides were employed in the form of nanofibers, prepared using electrospinning

06/2010 – 06/2013

**Academic Tutor**

**University, City, Country**

* Gave tutorials on Electricity and Magnetism, Quantum Mechanics, Mathematical Methods III, Atomic and Molecular Physics, Statistical Thermodynamics, Advanced Thermodynamics, Electron Theory of Solids, Advanced Topics on Composite

**PROFESSIONAL DEVELOPMENT**

* PyData
* One-day workshop: GPU-accelerated computing and deep learning
* Introduction to Machine Learning

**ADDITIONAL SKILLS**

* **Software:** Windows and Linux operating systems; C/C#/C++, ROOT, LabVIEW; SigmaPlot statistical analysis and graphing software; COMSOL Multiphysics, SIMION ion optics simulation; Python: Scikit-learn, Pandas, NumPy; MATLAB; Autodesk inventor 3D computer-aided design; typesetting using LATEX; general use of office suites. Some experience of Maple and Mathematica. Limited use of VBA, Modula-2 and Pascal
* **Designing, Building and Operating Complex Equipment:** extensively experienced with data acquisition and control systems; ion-optics; ultra-high vacuum techniques
* **Management and Administration**
* **Data Collection and Analysis**
* **Teaching, Tutoring and Presenting**

**PUBLICATIONS**

[Name of Publication 1]

[Name of Publication 2]

[Name of Publication 3]

**PATENTS**

[Name/s of persons], [Item], [Place], [Patent Number] (Date)

**AWARDS**

[Name] prize in [subject] ($1,500 Travel Grant) | Organisation (date)

**PROFESSIONAL MEMBERSHIPS**

Elected Member | Institute (Date)

Member | Organisation (Date)

Lifetime Member | Association (Date)

**REFERENCES ON REQUEST**