

Matthew Ingle

FOTO

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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.

EDUCATION

09/2010 – 08/2020

University | City, Country

PhD: Positron Physics

Supervisor: Professor Surname

Thesis Title: [Title]

09/2009 – 08/2018

University | City, Country

MSc: Materials Science and Engineering

Thesis Title: [Title]

09/2005 – 08/2009

University | City, Country

BSc: Materials Engineering

PROFESSIONAL DEVELOPMENT

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

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

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)

EXTRA-CURRICULAR ACTIVITIES

Horse-riding, dancing, theatre acting

REFERENCES

Name

Position

Contact details

SIGN with your signature

PRINT NAME

CURRENT DATE