

Harry Watson

Qualifications:

Mathematics MMath (Hons)

Associate Member of the Institute of Mathematics and its Applications (AMIMA)

Experience:

Internal lead for improvement of the company's bespoke software. (As of 2023)

Internal lead for maintenance of the company's various software systems. (As of 2023)

Research and development of new modelling capabilities and services. (As of 2022)

Advisor on aspects of company growth including Key Performance Indicators. (As of 2023)

Management of Pager Power's advertising. (As of 2023)

Internal lead on first stages of recruitment. (As of 2023)

Internal lead on company's web traffic. (As of 2023)

Technical training of team members (As of 2023).

Advisor to internal team and external stakeholders on some of Pager Power's most technically complicated projects. (As of 2023)

Bespoke modelling of complex three-dimensional geometries for a solar development in the Middle East (2022)

Development of modelling packages for evaluating collision risk in accordance with rules set by the below (2018-2022):

- The UK Civil Aviation Authority.
- Specific airports in UK (including London Heathrow and London City).
- The European Union Aviation Safety Agency.
- The International Civil Aviation Organisation.
- The USA Federal Aviation Administration.

Development of a modelling package relating to Instrument Flight Procedures. (2018-2022)

Publications:

Produced news articles and editorials covering various topics including:

- International policy around solar developments
- ICAO policy around aerodrome safeguarding
- The potential role of AI in aviation safety
- Global renewable energy trends and records
- Instrument Flight Procedures
- Technical advances in commercial software