

## Harry Watson

### Senior Systems Analyst

#### Mathematics MMath (Hons)

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

#### Role

Harry is Pager Power's Senior Systems Analyst. Having been with the company since 2018, Harry develops internal software and provides technical training and support to the wider team. Harry specialises in technically demanding projects, providing bespoke modelling solutions that enable comprehensive assessment and integration of all project variables within Pager Power's analytical framework.



#### Experience

Development of a geometric model for Right of Light assessments. (As of 2025)

Development of a geometric model for Daylight, Sunlight and Overshadowing assessments. (As of 2024)

Development of software for modelling the new ICAO Obstacle Limitation Surfaces and completion of indicative modelling for five airports. (As of 2024)

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

Quantitative analysis of company performance and optimisation of marketing efforts to inform managerial decision making.

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

Internal lead on monitoring and managing the company's web traffic. (As of 2023)

Provider of technical training for team members in various aspects of programming and applied mathematics. (As of 2023)

Advisor to internal team and external stakeholders on some of Pager Power's most technically complicated projects. (As of 2022)

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

Modelling for collision risk of proposed developments in line with Annex 14 to the Chicago Convention and associated local guidance including CAP168 in the UK. (2018-present)

Development of a modelling package for Instrument Flight Procedures. (2018-present)

Harry also produces technical content for the Pager Power website, covering topics such as:

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

