

## HORSLER, ADAM

### OBJECTIVE

The development of areas in AI/ML, Deep Learning, Big Data and Cloud Computing have led to what many call the 4<sup>th</sup> Industrial Revolution. My aspirations are to contribute to these areas and continue to drive their innovation.

### SKILLS & ABILITIES

- C++, Python, MATLAB, SQL, GitHub and Linux OS.
- Amazon Web Services (AWS) Certified Solutions Architect.
- Knowledge of Machine Learning, Deep Learning and statistical concepts
- Experience working with customers to deliver real-world, industrial projects.
- Projects Portfolio: [https://horsada.github.io/Horsada\\_Portfolio/](https://horsada.github.io/Horsada_Portfolio/)

### EXPERIENCE

- Undergraduate Research Opportunities Programme (UROP) from July-August 2021:
  - Worked under the supervision of Dr Ad Spiers in the Manipulation and Touch Lab at Imperial College London
  - Helped implement a testing configuration for an under-actuated robotic arm using a electromagnetic brake in MATLAB
- Placement year as a Year in Industry (YINI) student at Rolls-Royce PLC from Sept 2018-August 2019.
  - Worked as an engineer in the Research and Technology department of Rolls-Royce Control Systems
  - Engaged in projects spanning many engineering disciplines
  - Member of the Intern Network and STEM Committee
  - Achieved Platinum Cadet Award upon completing the industrial placement

### EDUCATION

- 2019-2023: Imperial College, London.
- MEng in Electronic and Information Engineering
- 2016 – 2018: Solihull School, Solihull UK.
- A Levels in Mathematics (A\*), Physics (A), Economics (A), Extended Project Qualification, Level 3 (B)

### OUTREACH / HOBBIES

- Imperial College Football and Investment Societies
- Registered STEM Volunteer for the West Midlands
- Passive investor/reader of investing and financial markets.

### REFERENCES

**LYNN CLARKE**, Rolls-Royce Control Systems, [Lynn.clarke@controlsdata.com](mailto:Lynn.clarke@controlsdata.com)  
**DR WEI DAI**, Imperial College London, [wei.dai1@imperial.ac.uk](mailto:wei.dai1@imperial.ac.uk)

