



## **Digital Skills – Data Graduate Case Studies**

**THOMAS BLACKWOOD**

### **Profile**

Thomas Blackwood is an engineer, mathematician, programmer, and researcher that loves working with data to build, create and learn. In his spare time, he teaches himself how to program in Python and JavaScript for both academic and personal interest.

As well as recently completing the Level II Applied Data Science CPD award with ScotlandIS and the University of Highlands and Islands comprising of 40 academic credits, Thomas also holds a MRes in Photonic Crystal Structures in Microscopy, a MSc in Renewable Energy and Distributed Generation, and a BEng in Electronica and Electrical Engineering.

### **Experience of the Course**

“I enjoyed the challenge of trying to put together a python script that would sort data and compile a report. I enjoyed learning about a programming language R, that was new to me, and the alternate methods of sorting and analyzing data similar to python.

I thought the support given was excellent, the teachers were always ready to give advice and support wherever it was needed and requested.

I would now like a role in Machine Learning. I would like to think I'm competent but I am open to internships and entry level jobs to create a good foundation in the profession before progressing to working on bigger projects or team leading!

I have strong interest in green energy and have been involved in a voluntary position with The Windfarm Supporters group on Shetland. I would like to get into a position where I could combine data science with working in the energy sector to help tackle the energy crisis by creating prediction models.”

- Thomas Blackwood