Charlie Plumley

Performance Manager

- 20 February 1987
- 20 Madeley Road, London
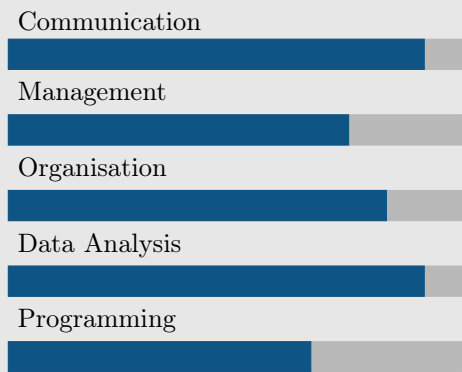- +44 7929 088 071
- charlie.plumley@gmail.com

About me

I am a scientist, innovator and collaborative leader.

I care deeply about having a positive impact, not just through technical data-driven solutions, but on people and the world around me.

I'm willing to take risks to achieve results, and I am not afraid of false starts or changing course, as this is the reality of innovation. However, its important to make sure that the risks are calculated and the goals clear, and this is where I apply my scientific background. I've also found that projects succeed or fail more often than not around management and leadership, rather than technical issues, so work to bring all on-board and enthuse those I work with.

Outside of work I enjoy using my Russian and learning Spanish, travelling, trampolining, homebrewing and sword fighting.

Skills

Communication

Management

Organisation

Data Analysis

Programming

MS Office⋆6, Python⋆4, Cloud Storage Services⋆3, Russian⋆4, Spanish⋆2,

*The skill scale is from 0 (Fundamental Awareness) to 6 (Expert).

Motivation

I wish to have a significant impact on the Energy Transition and help accelerate the process to renewables through the use of data and digitalisation.

Cubico Sustainable Investments Ltd

Cubico is an owner, operator and investor in renewable assets, and has a 3 GW operational portfolio spread across 10 different countries.

2020-Present	Performance Manager	London

I have a global leadership role focusing on monitoring and improving the performance of operational assets using data and digitalisation: I manage the operational SCADA data from our assets, ensuring we have well governed datasets; I work with third-parties to analyse our data and the regional teams to deliver improvements; I am responsible for ensuring accurate operational KPIs and performance targets; I champion open source code and open data projects, with an industry leading project comprising of release of open data from two of our wind farms; and I also support the business innovate through review of new technologies, collaborations with industry and academia, and through supporting our regional teams take risks that could add value

2018-2020	Energy Analyst	London

I conducted and reviewed asset operational performance for our operational portfolio and for new acquisitions under tight due diligence deadlines. As part of this I automated operational analysis, so that we could in-house as required. I also developed a performance improvement strategy, which later evolved into my new role as Performance Manager.

SgurrControl | Wood PLC

SgurrControl | Wood PLC is a leading renewable energy consultancy.

2017-2018	Control Algorithm Engineer	Glasgow

To improve asset performance I developed a semi-automated analysis for identifying optimisation opportunities. Having developed the software I then managed a multi-disciplinary team and trained staff to run the analysis and presented results to clients.

2015-2017	Control Engineer	Glasgow

I was project manager and lead engineer in designing and implementing a new control strategy to reduce wear on wind turbine gearboxes. I also worked onsite modifying a wind turbine controller to demonstrate a new experimental controller.

Other Experience

CEng mentor, Social Mobility Foundation mentor, trampoline coach, 2021 Cubico Diversity Award Winner

Education

2010-2015	PhD in Wind Energy Systems	University of Strathclyde

Smart Rotor Control of Wind Turbines

2009-2010	TORFL-1 Russian Language	Moscow State University

Russian Language, Culture, Literature and History

2005-2009	MPhys (Hons) Master of Physics 1st Class	University of Manchester

Focus on Lab Work, Programming and Fluid Dynamics

1998-2005	Schooling	Elizabeth College

A-levels: Mathematics (A), Physics (A), Religious Studies (B)
AS-level: English Literature (B)
GCSEs: 2 A*, 3 A, 5 B, including Maths (A*) & Physics (A*)

Qualifications

2004-Present	Clean Driving License	2011-Present	Registered Landlord
2014-Present	Member of the IET	2019-Present	Chartered Engineer