

## Bruce Hellman, CEO umotif



*'We are keen to keep in touch with Maheen, potentially through other placements. Longer-term we'd be very happy to work with Maheen on a more permanent basis following her studies, if she chose to work in our sort of organisation.'*

Maheen worked with umotif as a data scientist, analysing data captured by patients in the 100 for Parkinson's citizen science study, which comprised over 2.2 million data points. Her work included the analysis of usage rates, comparisons of data between patients with and without Parkinson's, and investigation of new Machine Learning techniques to automatically analyse data sets.

Maheen's placement was highly successful in identifying new patterns in the data, and producing analysis that was shared with the study participants through engaging data visualisations.

She worked independently where necessary, progressing her thoughts, learning and work. She was also great to work with in a team, giving her input and guidance on data analysis and ensuring that this aligned to business objectives. It was a great placement and we were sorry to see her leave!

This placement has reinforced our thinking that the organisation needs to invest further in data analysis, machine learning and data visualisation for our clients, users, clinicians and partners. It demonstrated that an incredible amount of learning can be created, and that this is useful both in terms of new product development, as well as communicating value to clients.

We will certainly be looking to employ a full time data scientist during 2017 as this placement has highlighted the significant opportunity.

We've also been able to use Maheen's work in a number of presentations and public communications about our work and research studies. This has helped us to better communicate the depth, breadth and quality of the data we can capture for research.

We wanted to get involved with the BBSRC/ LIDo programme to bring in new skills to the organisation to explore new avenues for the company, this certainly was achieved.

We were looking for someone; hard working, intelligent, able to apply themselves to new problems, a self-starter and someone with a new set of skills to the rest of the team.