



In 2019 I joined Gábor Csányi's group at the Department of Engineering as part of the SynTech CDT, after completing a BA/MSci degree in Natural Sciences (Chemistry) at the University of Cambridge.

The focus of my research is on development of ab initio accurate force fields for small molecule radical reactions, with an application to Cytochrome P450 modelling in mind. This involves atomistic simulations to obtain reference data, systematic exploration of fitting (ML) algorithms and careful testing and evaluation of the resulting interatomic potentials.

SynTech offered access to a wide range of courses and flexibility to tailor them to best supplement my knowledge. The CDT also brings together a community of researchers with a rather broad range of interests, which is very interesting to be a part of.