



# MOLLY PROBERT

*MECHANICAL ENGINEERING (PHD)*



## MOLLY PROBERT | UNIVERSITY OF BRISTOL

Currently studying for a PhD with the Solid Mechanics Research Group at the University of Bristol. My main area of research has focused on the effects of residual stress on crack propagation and subsequent fracture in elastic plastic materials.

During the course of my research I have been involved in a variety of neutron diffraction experiments to characterise stress fields in metallic specimens subject to residual stressed during fatigue cracking and fracture.