
MICHAEL HEAD

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MEng Mechanical Engineering Graduate from University of Liverpool

Summary

Graduated with a II:1 in MEng mechanical engineering from the University of Liverpool. Currently seeking a job in the engineering sector.

References are available upon request.

Education

2012 - 2016	MEng Mechanical Engineering <i>University of Liverpool</i> Graduated with a II:1. Projects involved a dissertation and the ARION speed bike series of projects.
2002 - 2012	A-Levels <i>Liverpool Blue Coat School</i> Mathematics (A), Further mathematics (B), Computing (B), Physics (C)






Work History

Sep 2015 - Present	Sponsorship Manager <i>University of Liverpool Velocipede Team</i> My main role in the ULV Team is to liaise with our many sponsors. This has involved working with numerous high-value companies, such as the National Composites Centre, Toshiba and Rathbones Investment Management. I have attended many events, appearing on BBC news channels and social media pages. I also coordinated with Catapult High Value Manufacturing in order to have the team placed on their central stand at the Advanced Engineering Show 2015, alongside Team Invictus and Rolls-Royce. PR and media management has also become amalgamated into my role, and I take responsibility for keeping all forms of communication updated, such as social media and our website.
Mar 2014 - Present	Photographer <i>University of Liverpool: Sport Photography</i> This position involves working closely with both the sports clubs themselves, as well as the Athletic Union for larger events, such as AU nights, Varsity or the Christie Cup. There are also events outside of sports, such as socials and awards ceremonies that have been a part of my experience. The photos from all events were well received, and I have been congratulated personally by the Presidents of the Athletic Union and Campus Sports Leagues.

Projects

2014 - 2016	<p>ARION Speed Bike</p> <p><i>University of Liverpool</i></p> <p>Part of a team attempting to create the world's fastest human powered vehicle. The ARION1 broke the British land speed record with 75.03mph. The ARION2 is currently being designed and manufactured. Managed sponsorship and media alongside engineering duties. The event took place in Battle Mountain, Nevada, where the Team travelled to race on a global stage against international competitors.</p> <p>PR and media also fell within my role, and I was responsible for visually documenting the Team's progress.</p>
2014 - 2015	<p>Modification of Biomaterials</p> <p><i>University of Liverpool</i></p> <p>Dissertation project involved modifying the surface of biomaterials to investigate how they would perform in vivo.</p>
2014	<p>Engine Restoration</p> <p><i>Private Project</i></p> <p>Assisted a fellow student in renovating a 2-stroke yacht engine as well as ordinary 4 cylinder petrol engines.</p>
2011	<p>Pure Chess (PS Vita)</p> <p><i>Ripstone</i></p> <p>Performed quality assurance, including checking for bugs and evaluating the game to increase user enjoyment and usability. Was my first credited project.</p>

Skills

Photography	 <p>Established and talented photographer with many years experience.</p>
Computing	 <p>Well versed with computers, knowledge of MATLAB, Pro Engineer, ANSYS Fluent and general usage. Also maintained the ARION social media and website accounts.</p>
Sponsorship	 <p>Sponsorship role in the ARION Project involved working with high profile companies in order to arrange sponsorship deals and media events</p>
Media	 <p>Ran all media areas for the ARION Project, from acquiring the relevant media and creating social media posts to increase project awareness. Also wrote press releases for the major milestones of the project.</p>
Aerodynamic Modelling	 <p>ARION Project involved CFD modelling and theory</p>