

Application for a vacancy at McLaren Racing received

Alexander James Holyoake

Thank you for your application for **Vehicle Dynamics Simulator Engineer**.

The closing date for applications for this vacancy is **2nd November 2012**.

If you have not heard from us within 28 days of the closing date, we regret that you have not been successful on this occasion.

Thank you for your interest in McLaren Racing.

You entered the following information. We suggest that you [print this](#) and retain it for possible future reference.

Please tick the box to confirm that, at today's date, you are eligible to work in the UK.	I am eligible
Please tell us how you learned about this vacancy?	Website
Questions about you	
Title	Dr.
First Names	Alexander James
Surname	Holyoake
Your address	8 St. James Road, Shrewsbury, SY2 5YH
Your email address	ajholyoake@gmail.com
Please provide us with a telephone number where we can contact you personally or leave a message during UK office hours.	07979752339
If you have any family members already in employment at a McLaren Group company, please provide the following details:	
Family member's name	
Family member's relationship to you	
Family member's job	
McLaren Group Company	No selection made
Have you ever been convicted of a criminal offence which is not legally spent?	No
If yes, please provide details.	

Questions about your education	
Secondary Education.	
School or College attended	The Belvidere School / Shrewsbury Sixth Form College
Examination subjects	A2 A Mathematics A2 A Further Mathematics A2 A Computing A2 A Physics A2 A Chemistry A2 A General Studies AS A English Literature / Language GCSE A* Mathematics GCSE A* Physics GCSE A* Computing GCSE A* Systems and Control GCSE A* German GCSE A* English GCSE A* English Literature GCSE A* Business Studies GCSE A* Double Award Science GCSE A* Double Award Science GCSE A* Geography GCSE A Biology (taken early) GCSE B Economics GCSE C Art
Higher Education (College/University)	
College/University attended	University of Cambridge
Course	Mathematics Tripos
Degree level obtained	First
If you have not yet gained your degree, please advise the level you expect to obtain and when confirmation will be available.	
Postgraduate Education	
Place of study	University of Cambridge
Course	Ph.D. in Applied and Experimental Mathematics
Result	Passed
Professional Qualifications	
Professional body	IMechE
Professional membership grade	Associate
Professional body	

Professional membership grade	
Please advise us of specific computer packages of which you are an experienced user.	Matlab + MEX Office (MS and others) VBA BASH (linux shell scripting) Vim Latex Python Perl Solidworks CAD Linux (inc. C / C++ tool chain) Visual Studio (2008?) Web scripting (inc. HTML, JS, PHP & CSS)
Questions about your employment	
About your current employment	
Current/most recent employer	
Head office address	
Address where employed	
All job titles held at this employer	
Most recent duties/responsibilities	
Reason for leaving	
Current salary	
Basic salary	
Benefits currently received	
About your previous employment	
Previous employer	
Head office address	
Address where employed	
All job titles held at this employer	
Reason for leaving	
Your CV filename if you uploaded one. Please note that if there is already a file with the same name as yours, your file will have been made unique by the addition of a number e.g. cv.doc becomes cv_1.doc	AlexanderHolyoakeCV.pdf
Please demonstrate how your skills and expertise meet the requirements for the	Conducting postgraduate research has required me to approach multifaceted problems in a logical and

<p>role in 300 words or less.</p>	<p>structured manner, and provided me with experience in communicating complex ideas to both technical and non-technical audiences. My Ph.D. has had a heavy emphasis in designing and performing experiments, as well as using computers extensively to analyse large amounts of data and solve predictive models. I use MATLAB for the majority of my calculations and take great pleasure in making my (and others') code run as quickly as possible: extensively employing techniques such as vectorisation and using the C extensions (MEX) framework to write time critical routines. I believe that the experience I have gained in the last few years could be extremely useful in a competitive environment where such a language is used.</p> <p>Formula One is a sport that has always interested me, with my interest intensifying since I began my training in fluid dynamics roughly six years ago. I rapidly became as interested (if not more so) in the engineering behind the cars as the championships and the races themselves. As a result I finally joined the Formula Student racing team here in Cambridge. I became one of a few group leaders taking the jobs of simulating, designing and manufacturing the intake and exhaust, designing the website skeleton, approaching potential sponsors and helping to supervise the rest of the engineering of the car. I found working in such a high-pressure, environment where team work is essential to be extremely rewarding. Although enjoy working on cutting edge research problems I found that my Ph.D. lacked entirely these aspects and so I have been motivated to move away from academia.</p>
<p>I understand that if I am invited to attend a first interview I will be required to pay for any expenses that I incur.</p>	<p>I confirm</p>
<p>I understand that this role is based in Woking and, if successful, I will be expected, if necessary, to move to within a reasonable commuting distance of that location. I understand that relocation assistance is not available for this role.</p>	<p>I confirm</p>
<p>I confirm that all the information I have given is, to the best of my knowledge, true and complete.</p>	<p>I confirm</p>

I understand that any false statement may be sufficient cause for rejection or, if employed, dismissal, and may cause any future applications I make to be disregarded.

I confirm