

Jacob Tyrie

4/5 East Preston St · Edinburgh · EH8 9QA · UK

✉ jake.tyrie@hotmail.co.uk ☎ 07922907135

EDUCATION AND QUALIFICATIONS

University of Edinburgh

2010-2015

Master of Physics with Honours Astrophysics

First Class

The MPhys course covers all aspects of Physics and a selection of computing and modelling skills. My studies included:

- Computational Programming - including modelling using JAVA and other languages.
- Advanced Physics - analytical skills and understanding of concepts.
- Advanced Mathematics - numerous mathematical techniques for problem solving.

Group projects have developed my communications and team skills; working with others to build a technical report on our work. Personal project work has improved my research skills as well as general scientific understanding. Further, work has enhanced my technical abilities using several Astrophysics software packages in the Linux environment. My personal projects involved mapping comets for collision risks and trying to find high redshift galaxies in the Hubble Field.

Sandbach School, Cheshire

2003-2010

A-Levels: Mathematics (A), Physics (A), Geography (A)

Open University: Digital Photography Undergraduate Level Course (PASS). 2010.

EMPLOYMENT HISTORY

Jacob Tyrie Photography

April 2012 - Present (Part Time)

Freelance Photographer and Business Manager

www.jacobtyriephotography.com

I have established and managed my own photography business, focusing on taking pictures at weddings, balls and club nights. This involves understanding clients' requirements and delivering a high quality service. This has led to the generation of positive feedback, which acts to advertise my business further.

- Managing the business involves using several technologies, including creating my own professional website in HTML5 and extensive use of software such as Adobe Photoshop.
- Working freelance, I am booked through my website to carry out photography roles. Clients take the form of couples or societies; through communicating with the client I can create a brief for their specific requirements and needs.
- Being a wedding photographer has made me confident when interacting with people, but also given me responsibility to ensure weddings run smoothly by guiding the couple and guests through their day.
- Running a business and having a full time degree has established my time management skills. One of the tools I use to stay on track of important tasks is using apps

Edinburgh Complex Fluids Partnership (ECFP)

July 2014 - August 2014

Marketing Intern

Employ.ed on Campus

I was hired through the Employ.ed, a scheme which encourages departments within the University to hire students to conduct professional, valuable work. My role was to assess the current state of the ECFP website and through working with the group offer suggestions for a

new website, aiming to: attract professional interest, incorporate social media for advertising purposes and give a description of what ECFP offers to a business partner. The website can be found at www.edinburghcomplexfluids.com

As part of the internship at ECFP I achieved an Edinburgh Award. The award looks at nurturing transferable skills which are sought by employers. This was encouraged through self reflection, focusing on setting goals to improve skills whilst working. I focused on seeking feedback and using it effectively in my work, amongst other goals.

I have recently been nominated for "Best Intern" in the National Undergraduate Employability Awards for my work at ECFP.

Etempa Solutions Limited - Part Time

October 2013 - Present

Freelance Coder - I have coded a number of projects for Etempa, using HTML, CSS, PHP and javascript. The roles carried out involve understanding a client's brief; the projects normally include coding a website or more advanced software design. Working for Etempa is improving my general coding ability, as I learn several new techniques during each project. For instance I have gained a good knowledge of building sites using Wordpress through project work.

Callcredit Information Group - Leeds

17th-18th July 2013

Work Experience - I spent two days work-shadowing in the analyst and consultancy teams at the company, which gave me an insight into both the business and the way the teams work.

Hurstvale Riding School - Family Business

April 2007 - Present (Holiday Periods)

Temporary Manager - Responsibilities include interacting with clients, handling monetary transactions, looking after the property and the horses. Recently I have also redesigned the company website using HTML5.

Riding Instructor - Teaching children between the ages of four and twelve to horse ride.

ADDITIONAL SKILLS AND EXPERIENCE

IT and Technology

All my IT knowledge has been self-taught through online tutorials. I am an experienced user of Microsoft Office programs, as well as Latex which is widely used in academia. I am also a fluent user of Adobe Photoshop CS6 and Adobe Dreamweaver CS6 having made several websites using both, including my own. I can also code in Flash, jQuery and PHP as well as in C and Java. In addition, I have a working knowledge of the Unix and Windows environment and quickly learn new softwares.

Scouting and Hiking

I was a member of Scouts between 2001-2010. These are some of my most notable achievements:

- Young Scout Leader – 2009-2010. Supervised scouts between the ages of 8 and 11, and organised group activities.
- Dragnet Scouting Competition – Winner Summer 2009. This required me to work as a team, sometimes shouldering the role of leader, whilst keeping everyone's interests in mind. A lot of willpower and motivation were needed, which I directed both at myself and my team members to allow us to keep going at a competitive speed.
- Cheshire Hike – Overall winner 2007, District winner 2004-7.

REFERENCES AVAILABLE ON REQUEST
