

# Alexander Nicolaides

Mark, Somerset TA9 4LS  
(23, British, Driving License)

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## Unique Selling Points

- Experience working in a brand new start-up. I'm not afraid of hard work or to try new things that haven't been done before.
- I have designed a testing method for tennis rackets, conducted the testing, produced groundbreaking results and had the tennis racket go into development.
- I am very keen to learn and always put in extra time and effort when a new skill is needed.

## EDUCATION

### MSc Sports Engineering (Merit awarded)

Sheffield Hallam University, UK

Sep 2011 to Aug 2012

Studied full-time at one of the World's leading institutes for Sports Engineering. This unique course is about applying advanced engineering techniques to the research and development of sports technologies.

- My project "Effect of string pattern on spin generation in tennis" was associated with **Prince sports**. I achieved a distinction and my scientific paper was published in Sports Engineering journal (<http://goo.gl/zwhNsH>). Prince sports are releasing a new range of rackets based on my research in 2013-14.
- I had the privilege to test and analyze the USA Olympic diving team for London 2012.
- Created a complex model of the trajectory of a tennis serve which Prince sports used to look at the trajectories of their in-house tests.
- Gained knowledge and experience using Matlab and SolidWorks.

### BSc Mathematics with Sport Science (2:1 awarded)

University of Wales, Swansea

Sep 2008 to Jun 2011

This unique course combined my interests of Mathematics and Sports Science. The course was heavily weighted in Mathematics.

- Key modules included

Algebra	70%	Analysis	76%
Calculus	76%	Differential Equations	77%
Numerical Methods	84%	Vector Calculus	64%
Dynamics	75%	Sports Biomechanics	67%
- High First Class grade (80%) in my dissertation project on Quantum Mechanics, which included two class presentations.

### Kings of Wessex Sixth Form

A Levels

Sep 2006 to Jun 2008

- Three A Levels in Mathematics B, Further Mathematics E and Physical Education D.

### Wyvern Community School

GCSE's

Sep 2001 to Jun 2006

- Ten GCSE's, One grade C, Eight grade B's including English and Science and a grade A at Mathematics.

## EXPERIENCE

### Chief Technical Officer (CTO)

*Full time work at Witlr Ltd*

**Dec 2012 to Dec 2013**

- Witlr was a graduate recruitment start-up based in Glastonbury, Somerset. We had investment from a former director of Hargreaves Lansdown. We took the brave decision to finish the company Dec 2013 because we were unable to get enough companies to change their recruitment methods.
- I was one of the first employed at Witlr and was given the responsibility of the technical side of the company. I had to work really hard to give the company a chance of succeeding. This included getting in early and staying late most days, learning new skills very quickly and getting involved with almost every aspect of the company. The role has given me the upmost respect for start-ups and companies that have built their way up.

My key responsibilities included:

**Design** – I was in charge of the company branding and guidelines. I also designed the majority of the marketing material using Photoshop, Corel Draw & Illustrator.

**Product Development** – I used User Experience, User Interface design, User Testing and problem solving skills to produce specifications for new components of the website. I would then present my specification to the Managing Director.

**Front-end development** – I coded the front-end of the website using HTML5, CSS3, Javascript and LESS.

**Project management** – Initially we used an out of house media agency for the website build. I was the link between the two companies and made sure deadlines were met and design specifications were understood and completed.

**Analytics** – I produced weekly MI reports and did all the statistical reports. I would have to explain the results clearly to the Managing Director and Co-founder. I have experience using database tables (SQL and MySQL).

### Brent House Restaurant

*Full time and part time work*

**Feb 2004 to Aug 2011**

- A family run business, where I worked my way up from washing up to kitchen assistant manager.
- Being part of a family run restaurant has made me understand, the reason I conduct myself well and work really hard is to help the business succeed not because “it’s my job”.
- Organization, Teamwork and Time-management are important skills needed for the successful running of a restaurant.

## SPORTS & OTHER EXPERIENCE

I’m very passionate about sport, I am very competitive and like to get involved and try out different things. I currently play tennis at Wedmore tennis club.

- 25 hours of voluntary work at Woodlands Tennis Club as a tennis coach for ages 6-11.
- University of Wales, Swansea sports teams, Hockey and Tennis.
- Witlr social football team captain.
- Completed the Cardiff Half Marathon 2010 raising £300 for charity.

**References available on request**