

BENJAMIN JOHN TILLEY BEng (Hons)

Address: 23 Lexington Close,
Cambridge,
CB4 3LS

Email: bjtiley72@gmail.com
Tel: (+44) 07940225924
LinkedIn: <http://bit.ly/2uY48nS>

Profile

A confident, driven self-starter and experienced GIS user with the ability to provide and implement creative solutions for people and business. Willing to do what it takes to succeed with the aim of making a long term contribution to the field of Data Analytics and Intelligence. Seeking a position, which utilises all existing skills and offers new challenges.

- **Analytically minded and a creative problem solver**
- **Highly ambitious and motivated**
- **Methodical with an eye for detail**
- **Calm under pressure and able to work to deadlines**
- **A confident communicator with a very professional attitude**
- **Multidisciplinary project management skills**

Employment History

Sales & Marketing Support Manager – Aveillant Ltd, Cambridge **Apr 2017 – Present**

- Working extensively to support the sale and marketing of ground breaking Holographic Radar technology in a start-up/SME while continuing my role as GIS Analyst
- By providing cartographic maps and spatial analytics as part of bids for counter-UAV applications, I helped customers better understand complex radar scenarios and secure business opportunities
- Following the RIAT Military Airshow in 2016 and 2017, I used a combination of 3D geospatial and hotspot analysis to support the MoD in amending their flight display patterns and improving safety procedures at future shows
- Co-running of Unmanned Aerial Vehicle (UAV) field trials to include UAV flight planning, UAV operation, collection and analysis of GPS flight data to support the engineering research team
- Analysing airport risk for UAV incursions and demonstrating radar line of sight to runway glide slopes and critical airspace
- Managing Marketing Department to include strategy, production of collateral and web design
- Providing sales support and liaising with overseas channel partners

GIS Business Support Analyst – Aveillant Ltd, Cambridge **Jan 2014 – Apr 2017**

- Responsible for roll out of ESRI ArcGIS suite within new startup including development and implementation of geospatial modelling and data management procedures
- After deploying ArcMap, by using spatial analysis to identify potential customers I was able to increase the company's sales lead conversion dramatically
- Extensive use of Spatial Analyst and 3D Analyst extensions in ArcMap, ArcScene and ArcGIS Pro to model radar coverage and line of sight over terrain working with DTM and LiDAR raster datasets
- Using the ArcGIS suite employing multi criteria evaluation to identify suitable radar locations as well as creation of site layouts and detailed drawings for planning applications
- Set up and administration of ArcGIS online
- Providing reports on wind farm mitigation to developers including modelling of the impacts of wind turbines on local radars

English Language Teacher – Olomouc, Czech Republic **Sep 2012 – Sep 2013**

- Teaching Cambridge exam preparation courses from preliminary to advanced level, Business English and conversation, both one to one and to classes of up to 20 students of all ages.
- Extensive lesson planning with meticulous detail to methodology and creating vibrant interactive lessons

Freelance Photographer – Benjamin John Photography, Cambridge **Dec 2010 – Sep 2012**

- Photographing a range of subjects for editorial, music and fashion assignments
- Photographing family and senior portraits on location and in the studio at weekends
- Photo retouching using Adobe Photoshop and Lightroom 4 on Mac OS
- Management of a small creative team

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- Daily business management including marketing, invoicing, advertising, events management and accounts

English Language Teacher - Jung Chul English Academy, South Korea Jan 2009 – Dec 2010

- Teaching the English language to children aged 7-15, including lesson planning, production of workbooks and English dictation
- Providing pastoral support and ensuring student welfare. Further developing skills in time management, planning, and ability to deal with stressful and changeable situations.

Social Leader - EC School of English, Brighton 2007, 2008 (contracted, seasonal)

- Working a full time role during the University summer vacations with children ages 13-17
- Ensuring students' welfare during sports and day excursions
- Motivating the children and dealing with any problems

Despatch coordinator - lansyst Limited, Cambridge Sep 2003 – Jun 2004

- Controlling all outgoing and returned stock within the company
- Attending seminars and training on the interaction between people with Dyslexia and computers.
- General administration duties within the customer services and despatch department

Education

Sept 2005 – Jun 2008 University of Brighton
BEng (Hons) Civil with Environmental Engineering (Achieved 2:1)
University thesis title: 'Wind Farms and their potential in the South Downs Region - GIS Study'

Sept 2004 – Jun 2005 University of Kingston
Yr 1 FdEng Aircraft Engineering

Jan 2004 – Jun 2004 Regional College, Cambridge
C&G AutoCAD 2D Design

Sept 2002 – Jun 2003 Hills Road Sixth Form College, Cambridge
AS Physical Education

Sept 1997 – Jun 2002 Bottisham Village College, Cambridge
GCSE - Double Maths, Double Science, English Language, English Literature, French, Geography, Graphics, GNVQ ICT

Achievements

- Presenting 'Aveillant - Our GIS Success Story' at ESRI UK Conference in 2015
- Cycling from London to Paris over 3 days to raise money for Cancer Research
- Raising £600 for Macmillan Cancer Support by offering free photography and prints to families in The Grafton Centre, Cambridge
- Successfully teaching English language to ESL learners of all ages in South Korea and Czech Republic. Building effective relationships with colleagues of different cultural backgrounds, integrating into the local community and learning to speak basic Korean and Czech.
- Completion of University thesis 'Wind Farms and their potential in the South Downs Region'
- Managed University football team and currently managing our local 5-a-side team
- Have over 8 hours flying experience in a number of light aircraft

Interests

I am driven by creativity and take pride in finding new ways of creating compelling photographs. I do this by surrounding myself with new people and experiencing new things. I enjoy a wide range of sports, including tennis, squash, football and cycling. I hold an interest in and keep up to date with the latest technologies and can often be found building and repairing computers. I am very passionate about music and love exploring the outdoors whether it be local walks or camping in national parks both of which have always been very strong interests since childhood.

References - Available upon request