

Oliver Drew

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Profile

A motivated individual who is enthusiastic about using technology to protect and manage the environment. I founded Buzzard Cameras Limited in 2016 after successfully pitching the idea to the European Space Agency's UK Business Incubation Centre (ESA BIC).

Whilst at the ESA BIC, I designed and developed an advanced drone multispectral camera and a cloud-hosted satellite/drone imagery processing web application. This project involved managing multiple sub-contractors and controlling strict resources.

I have a deep understanding of geographic data, and an extensive knowledge of software packages such as ArcGIS, QGIS, AutoCAD, Photoshop, and Microsoft Office. As well as a basic understanding of multiple programming languages. In 2015, I graduated with distinction from the University of Southampton with a master's degree in Geographic Information Systems and Remote Sensing.

Key achievements

- Founding and managing Buzzard Cameras Limited.
- Successfully pitching my business idea to the European Space Agency's UK Business Incubation Centre, and subsequently spending 12 months developing the business and its products and services in Harwell, Oxford.
- Graduated with distinction from the University of Southampton where I studied for a master's degree in Applied Geographic Information Systems and Remote Sensing.
- Graduating from Swansea University in 2013 with a high 2.1 BSc honours degree in Geography.
- During the summer of 2012, I climbed Mt. Kilimanjaro raising over £1000 for Farm Africa.

Employment

April 2016 - Present: Managing Director and Founder, Buzzard Cameras Limited.

Key responsibilities:

- Marketing products/services through social media and email campaigns
- Meeting with potential and current clients
- Developing and maintaining the website and web application
- Communicating ideas and writing detailed specifications for software developers
- Organising overseas manufacturing
- Continual development of the products and services
- Bookkeeping and filing tax returns with HMRC

July 2013 to March 2014 & October 2015 to March 2016: IT Administrator, Peter Drew Contracts Ltd.

Key responsibilities:

- Maintaining Windows PCs and servers
- Upgrading IT equipment
- Installing Microsoft Dynamics NAV on client PCs
- Updating the product and supplier database

During university holidays 2010 to 2013: Warehouse Assistant, Peter Drew Contracts Ltd.

Key responsibilities:

- Checking, inspecting and organising the storage of received goods.
- Training new employees.
- Predicting demand and monitoring the stock levels database.

Skills

- Good communication skills; experience writing technical documents and pitching ideas to groups.
- Proven ability to work well both within a team and individually.
- Highly motivated and detail orientated.
- Ability to learn and understand technical topics quickly.
- Strong time management, proven ability to work to strict simultaneous deadlines.
- Experience using GIS and Remote Sensing in both desktop and web environments.
- Skilled at using commercial and opensource spatial analysis software; ArcGIS, ENVI, QGIS, Pix4D, Openlayers and GDAL.
- Good knowledge of operating and maintaining drones and sensors systems.
- Highly skilled in photoshop; map design, image editing/manipulation, and promotional material creation.
- Automated data processing and scripting in Unix using Bash and Python.
- 3D design and photorealistic rendering using AutoCAD and Fusion 360.
- Web design; Squarespace, search engine optimisation, and basic HTML.

Education

Certificate, University of Birmingham: November 2021 – June 2022

- Web Development Coding Bootcamp (TBC, current average grade A+).

Master's Degree, University of Southampton: September 2014 – September 2015

- MSc Applied Geographic Information Systems and Remote Sensing (Distinction).

Notable Modules: Dissertation (77), 3D Remote Sensing (72), Skills and Project Work (71), Practical Skills Remote Sensing (73), GIS for Environmental Management (68), and Programming Skills (76).

Undergraduate Degree, Swansea University: September 2010 – June 2013

- BSc (Hons) Geography High Upper Second class.

A-levels, Prince Henry's High School Sixth Form: September 2008 – June 2010

- B – Biology, B – Geography, B – Physical Education.

Interests

I have played Hockey from a young age, competing at National level when I was a teenager. I now play for a local team which was recently promoted. Other interests include outdoor activities such as climbing, running, surfing, hiking, kayaking, and paddle boarding.

References:

Available upon request.