



INSPIRE AFRICA

Creating the future today. (R)evolution.

Our mission is to facilitate the safe integration of unmanned aerial vehicles (UAV's) within the manned aviation airspace through meaningful and effective educational mediums, commercial and non-commercial drone services.

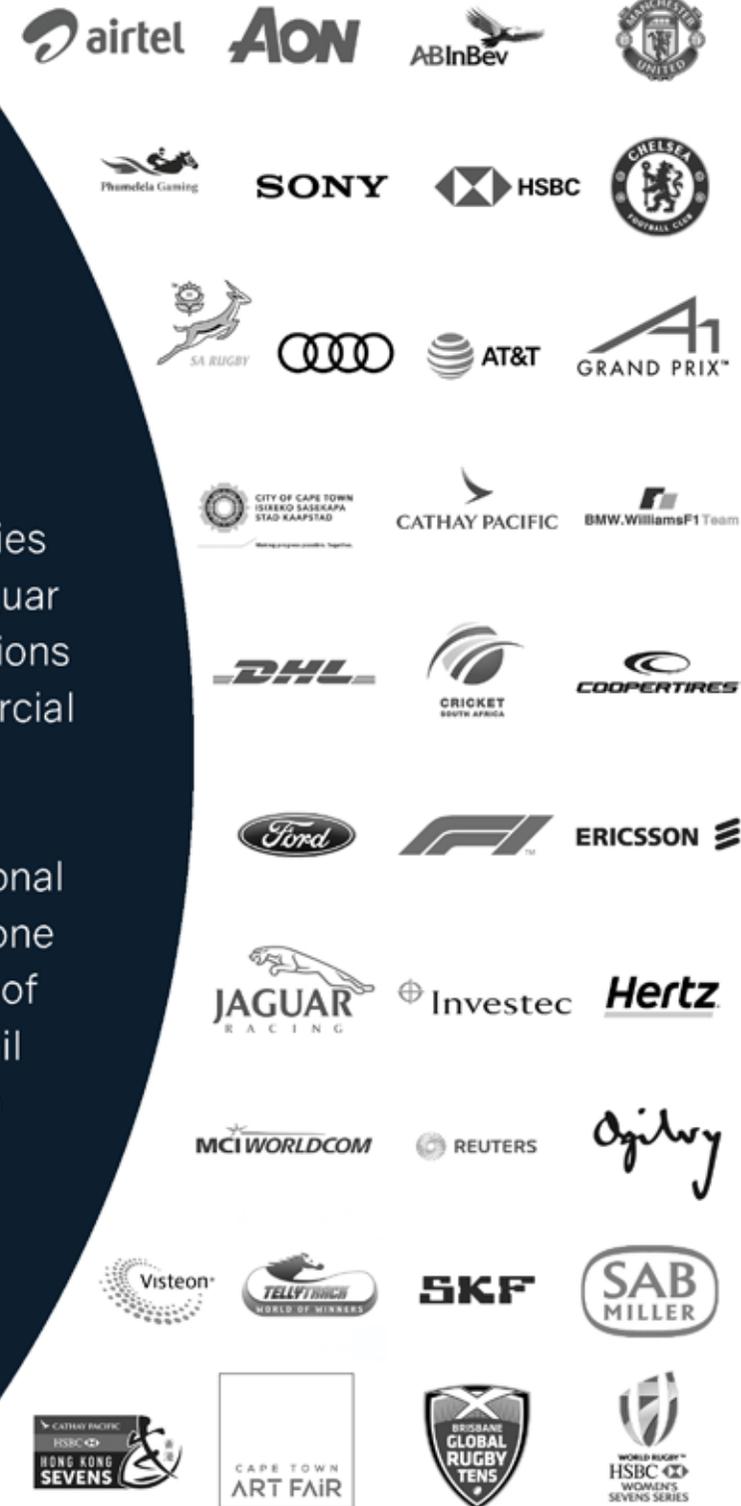


Simon Robinson (CEO of Inspire Africa Group) has over two decades international experience in the world of sports marketing, event creation and rights commercialisation delivery. He has worked with some of the world's pre-eminent companies, rights holders, sports governing bodies and tourism authorities in both emerging and developed markets.

Prior to starting Inspire Africa, he spent a number of years with global companies including Global Marketing Communications in the UK and China and Jaguar Racing Formula One team in the UK. He also held various management positions at A1GP World of Motorsport, where he managed all marketing and commercial aspects of South Africa's largest motorsport event for four years.

With a number of year in the commercial and non-commercial/recreational drone industry creating various products and services including school drone curriculums, recreational drone insurance, demystifying the application of drones for a myriad of industry sectors, distribution and sales with retail partners, and offering adult courses focused on upskilling drone pilots in flying safely and responsibly, creating CSI skills development programmes in uplifting previous disadvantaged communities

Simon has an MBA from Cranfield School of Management, UK and a BA from the University of Stellenbosch, South Africa.

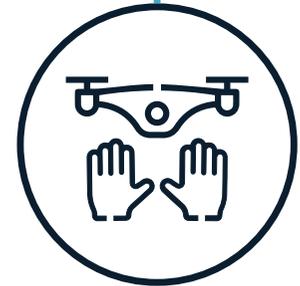


GROWTH OF THE DRONE INDUSTRY



\$1.9 BILLION IN VENTURE CAPITAL HAS BEEN INVESTED IN DRONE-RELATED START-UPS

The average valuation of these start-ups is \$5.3 million, and the three most followed start-ups are commercial logistics firm Skycatch, cloud-based drone mapping and analytics firm DroneDeploy and smart drone maker Matternet, in that order.



DHL USED DRONES FOR 130 DELIVERIES IN THE FIRST THREE MONTHS OF 2016

The company has been using drones to ferry packages between two small villages in the Swiss Alps. DHL's Parcelcopter drones can travel up to 73 kilometers per hour and carry up to 2.1 kilograms. That successful test bodes well for Amazon's goal of automating its deliveries with Prime Air.

THE GLOBAL DRONE MARKET IS TO BE WORTH \$127 BILLION BY 2020

In addition to defense, delivery or aerial photography, drones will soon be used for verifying business claims, boosting crop yields and creating special effects for Hollywood blockbusters.



GLOBAL DRONE MARKET



DRONE INDUSTRY INSIGHTS

The Drone Market Environment 2018





A key focus of the group is to engineer education in African schools through the use of drone technology with our product Inspire S.T.E.A.M. Science, Technology, Engineering, Art and Mathematics.

Why is encouraging STEAM in education so important to Africa?

The future of our economy relies greatly on people with STEAM skills. Africa haemorrhages cross cultural talent in STEAM disciplines from as early as primary school. This means that we are not drawing on 100% of our talent pool in STEAM careers, and our economy will suffer from the lack of diversity.



Lessons

- Safety Lesson
- 8 Lessons of DroneBlocks
- 8 Lessons of Python
- BONUS 8 Advanced DroneBlocks Video Lessons



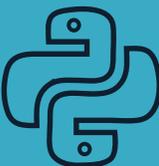
DroneBlocks

- An Overview of DroneBlocks and Tello
- Hello Tello!
- Box Mission
- Loop and Flip
- Hexagon Mission
- Variables for the Win
- Adding Logic With If/Else Statements
- Land in Your Hand



Advanced DroneBlocks

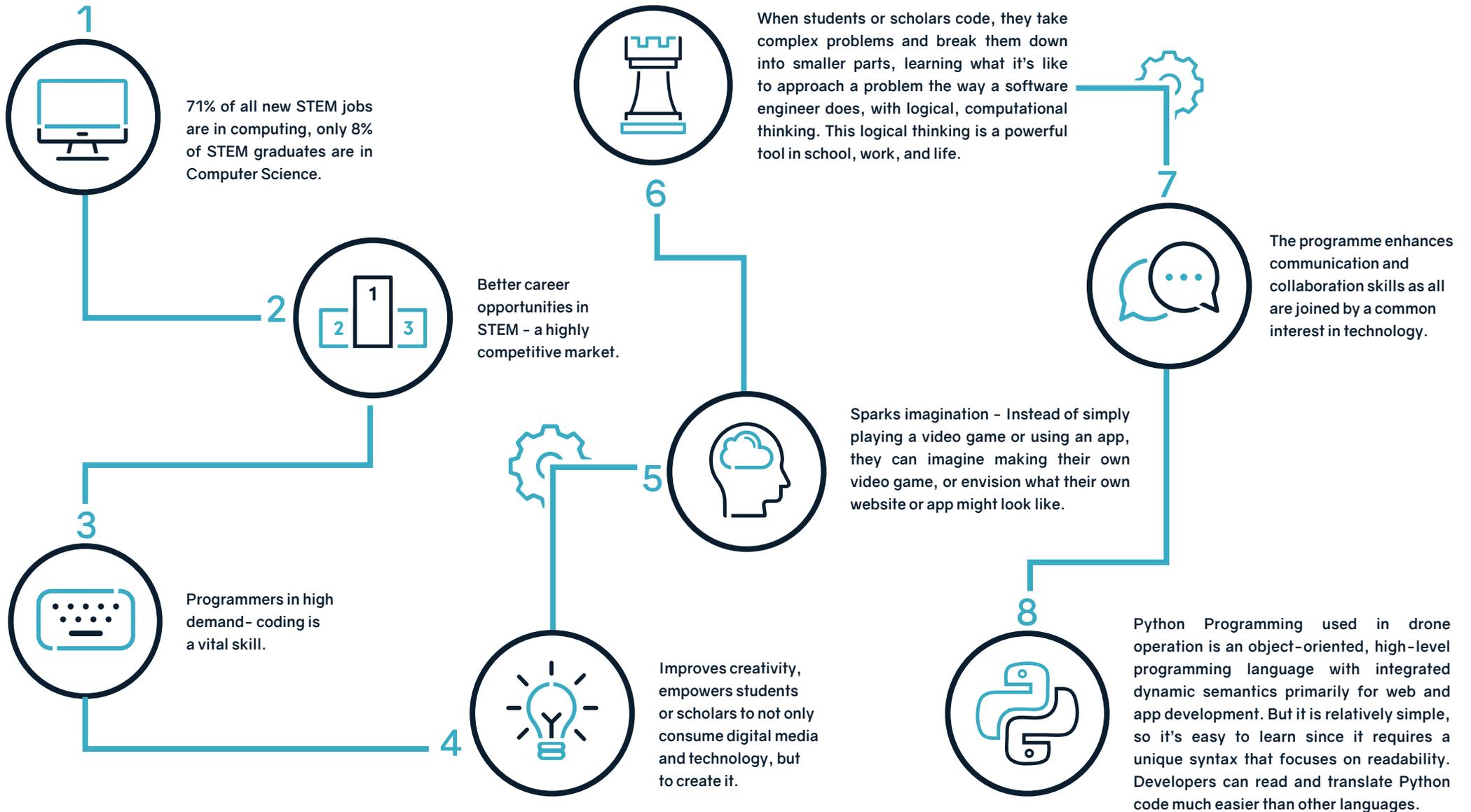
- Elevating Squares with Nested Loops
- Using the Polygon Equation with Variables
- Understanding 3D Coordinates Using The Right Hand Rule
- Flying Points on a Line Using Slope
- Fly an Arc Pattern on the Horizontal X/Y Plane
- Fly a Loop Pattern on the Vertical Plane
- Fly Using the Sine Wave Equation
- Orbiting Around a Center Point



Python

- An Overview of Python and Tello
- Brief Overview of User Datagram Packets (UDP)
- Sending and Receiving UDP Packets
- Box Mission Using Tello SDK Commands
- Custom Functions - Spin and Bounce
- Keyboard Commands
- Unit Conversions
- Retry Commands

WHY LEARN CODING?



UPSKILLING AND CREATING CAREER OPPORTUNITIES



33 000 new jobs were created in the drone industry in 2017 alone.

Drone industry has the potential to create thousands of jobs with multiple career paths to consider once qualified as a drone pilot.

Inspire Africa is committed through education programmes and activities in developing the drone industry with 4th Industrial Revolution technologies.

Our RPAS Career Development Programme provides an opportunity to the aspiring youth to participate in this nascent industry underpinning our commitment to skills development. This programme is for previously disadvantage youth across South Africa. With a feeder program for those who qualify into job placements in the industry.



Event and Sports Marketing management that delivers tangible brand and business results.



Inspire Africa offers focused marketing and communications, commercial partner and sponsorship acquisition with sports rights management, event creation and management. Through leveraging the commercial and promoter rights of local and international sports and entertainment properties, Inspire Africa maximizes the value of the assets for the respective stake holders.

Having worked with some of the world's pre-eminent companies, rights holders, sports governing bodies and tourism authorities in both emerging and developed markets, our global experience enables us to offer an independent and holistic perspective from client side, rights holders and agency point of view.



SPORT AND EVENTS



Commercial and non-commercial drone operations at Sports and Live Events create interesting and unique vantage points.

Today we see drones adding that something really special at live events and concerts, in extreme sports like surfing and mountain biking, cricket and football matches, equestrian sports and motorsports, to name a few.

Turn your event on its head and grab the advantage with vantage.



CORPORATE ACTIVATIONS AND TEAM BUILDING EVENTS



Assist you in motivating and energising your employees, customers and prospects.

We use the innovation of drone technology and other 4th Industrial Revolution disruptive technologies that drive the future and that of the drone industry to offer individuals the opportunity to engage their experience of S.T.E.A.M. through education and in businesses.

Inspire Africa offers an educational and interactive activation that engages audiences helping them in understanding and demystifying the drone industry and the applications these emerging commercial applications have, relevant to your industry sector.

With our unique team building experience, we combine technology and human resource objectives to open up a world of opportunity for creative business innovation through drone technology, FPV (First Person View), VR (Virtual reality), AI (Artificial Intelligence or machine learning), (AR) Augmented Reality and IOT (Internet of Things).



CORPORATE ACTIVATIONS AND TEAM BUILDING EVENTS



We use a dynamic and interactive approach to fully demonstrate the power of drone technology and its commercial role within a variety of industries, represented through physical interaction as well as mental stimulation with drone simulation, facilitation of educational talks with audiences of all sizes, as well as physical interaction with beginner level drones. These include:

Interactive
Drone Zone



Code and fly
challenge



Build, fly, drone
racing relay
challenge



Commercial and
FPV drone racing
demonstrations



MARKETING AND PRODUCT ACTIVATIONS



Inspire Africa will turn your marketing and product launches into memorable events driving new heights in brand recall and product experience. We understand client requirements and deliver a bespoke activation solution enabling both the client's marketing and business objectives to be met.

We offer an educational and interactive activation that engages audiences to assist them in understanding the drone industry sector and the applications of this emerging commercial technology whilst also unlocking the industry's potential and relevance in our society.

You can expect a high level of professionalism from our team when interacting with the public as we deliver an educational experience that promotes a fun activity, but also aligns with promoting the brand and products of companies we service.



COMMERCIAL DRONE SERVICES



Depending on our client's needs and preferences, we deliver your commercial drone requirements with our chosen licensed partner.

We offer bespoke drone services for a wide variety of industries and commercial applications. Our tailored aerial solutions use Remotely Piloted Aircraft Systems (RPAS) or drones to capture critical business information in a faster, safer and more cost-effective way and transform this data into insightful information that helps you make better business decisions and increase overall operational efficiency.

Our key drone services include flight operations, data analytics and reporting for industrial inspections, mapping and surveys, security and surveillance, live events and production.

OTHER INDUSTRY SECTORS THAT DRONE TECHNOLOGY AFFECTS



GET IN TOUCH WITH THE FUTURE

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