

Mark Shuttleworth

Mark Shuttleworth was born on 18 September 1973 in Welkom, Free State. He is the son of a surgeon (UCT alumnus) and nursery school teacher. Shuttleworth attended school at Western Province Preparatory, followed by one term at Rondebosch Boys' High and then at Bishops/Diocesan College, where he was Head Boy in 1991.

Shuttleworth obtained a Bachelor of Business Science degree in Finance and Information Systems at UCT (1995), where he lived in Smuts Hall. As a student, he became involved in the installation of the first residential internet connections at the university.

In 1995, Shuttleworth founded **Thawte Consulting**, a company which quickly became one of the largest online providers of digital certificates which are used to help prove that websites are legitimate. In December 1999, Thawte was acquired by VeriSign, earning Shuttleworth R3.5 billion (US\$575 million, equivalent to \$831 million in 2018).

In September 2000, Shuttleworth formed **HBD Venture Capital** (Here be Dragons), a business incubator and venture capital provider, and **The Shuttleworth Foundation** which funds innovative thinkers and projects in the field of education, especially science and maths teaching. In March 2004, he formed **Canonical Ltd.** for the promotion of the **Ubuntu Project**, a Linux-based operating system software for free distribution to computer users, with a special focus on expanding personal computer access in developing countries. Ubuntu helps connect everything from drones to thermostats, to the internet. His company, Canonical, makes money from about 800 paying customers, including Netflix, Tesla and Deutsche Telekom.

In 2002, he became the first South African to travel to space as a space tourist becoming popularly known as the world's first "Afronaut". He lives on the Isle of Man and holds dual citizenship from South Africa and the United Kingdom. Upon moving R2.5 billion in capital from South Africa to the Isle of Man in 2009, the South African Reserve Bank imposed a R250 million levy in order to release his assets. Shuttleworth appealed and after a lengthy legal battle, in 2015 the Reserve Bank was ordered to repay the R250 million, plus interest. Shuttleworth subsequently donated the entire amount to a trust established to help others take cases to the Constitutional Court.

Net worth reported in the UK Times Rich List = £500 million / R9.3 billion (May 2019).

Donations to UCT from personal funds:

Date	Project	Amount
07/02/2019	The Mark Shuttleworth Scholarship in Mathematics and Applied Mathematics	R 1 353 499
30/11/2018	The Mark Shuttleworth Scholarship in Mathematics and Applied Mathematics	R 5 417 622
09/02/2015	Division of Forensic Medicine & Toxicology	R 107 732
		R 6 878 853



The Shuttleworth Foundation (MSF)

Mark Shuttleworth started the Foundation in 2001. Known for pushing boundaries in every sphere he becomes involved in, Mark continues to drive change in the world through the Foundation. The Foundation prides itself in investing in initiatives and individuals who challenge the status quo and actively contribute to positive change. The Shuttleworth Foundation is a social investor that provides funding to dynamic leaders who are at the forefront of social change. The Foundation looks for social innovators who are helping to change the world for the better and could benefit from a social investment model with a difference. [The Foundation identifies amazing people, give them a fellowship grant, and multiply the money they put into their own projects by a factor of ten or more.](#) The Foundation is at its core an experiment in open philanthropy and uses alternative funding methodologies and collaborative ways of working to ensure that every fellow receives the necessary support to succeed.

Summary of projects and fellows of the Mark Shuttleworth Foundation:

ALUMNI FELLOWS

Fellow name	Project Name	Project scope	UCT Alumnus	UCT Degree	Fellow Contribution	MSF contribution	Total Funding to Date
Aron Makaruk	AKER and Open Source Beehives	Seeding food gardens	N		\$20 084,76	\$270 761,07	\$290 845,83
Adam Hyde	COKO Foundation	Hacking scholarly Publishing	N		\$36 252,82	\$733 028,30	\$769 281,12
Andrew Rens	The African Commons Project	Unblocking Intellectual Property rights	N			\$320 134,15	\$320 134,15
Arthur Attwell	Paperrights	Broadening access to print reading materials	Y	BA (Hons 1996, MA 2001)	\$45 231,17	\$634 768,85	\$680 000,02
Astra Taylor	Debt Collective	Challenge the narrative of indebtedness-financial futures	N		\$68 376,19	\$1 092 745,50	\$1 161 121,69
Catharina Maracke	Contributor Agreements	Institutionalising contributor agreements	N			\$1 220 912,33	\$1 220 912,33
Dan Whaley	Hypothes.is	Annotation for the web	N		\$63 977,28	\$1 058 022,72	\$1 122 000,00
Daniel Lombrana Gonzalez	PyBossa and Crowdcrafting	Creating a collaborative science framework for citizenz and researchers	N		\$48 040,23	\$824 894,39	\$872 934,62

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David Wiley	Lumen learning	Establishing OER business models	N		\$38 744,53	\$737 255,47	\$776 000,00
Esra'a Al Shafei	Crowdvoice	Amplifying underrepresented voices	N		\$56 266,37	\$854 663,63	\$910 930,00
Francious Grey	Citizen Cyberscience Centre	Legitimising citizen cyberscience	N		\$16 738,16	\$293 848,72	\$310 586,88
Gavin Weale	LiveMag	Sustainable user-created publishing	N		\$53 709,08	\$1 002 161,56	\$1 055 870,64
Jaisen Mathai	Trovebox	Preserving digital memories on the web	N		\$36 805,16	\$667 940,96	\$704 746,12
Jesse von Doom	Cash Music and Watt	Advancing artist sustainability	N		\$67 670,44	\$1 001 929,56	\$1 069 600,00
Johnny West	Open Oil	Opening data in extractive industries	N		\$65 979,57	\$880 155,07	\$946 134,64
Jonas Oberg	Commons Machinery	Baking in License and attribution metadata	N		\$38 977,29	\$685 022,72	\$724 000,01
Kabir Bavikatte	Natural Justice	Defending traditional knowledge rights	Y	LAW - LLD, 2011	\$19 901,99	\$362 829,21	\$382 731,20
Kathi Fletcher	OERPUB	Building digital knowlledge pathways	N		\$51 111,90	\$1 030 348,22	\$1 081 460,12
Luka Mustafa	Koruza	Delivering last mile access	N		\$63 884,67	\$821 027,92	\$884 912,59
Mad Ball	Open Humans	Opening human health data	N		\$25 590,91	\$428 409,09	\$454 000,00
Marcin Jakubowski	Open Source Ecology	Building 50 industrial machines	N		\$37 643,96	\$672 522,83	\$710 166,79
Marcin Horner	Siyavula and FullMarks	Supporting learners through OER	N		\$38 368,10	\$1 477 648,85	\$1 516 016,95
Mark Surman	Cape Town Declaration	Experimenting with open philanthropy	N			\$240 393,59	\$240 393,59
Moxie Marlinspike	Open Whisper Systems and GitHub	Ubiquitising frictionless privacy technology	N		\$10 127,22	\$292 938,83	\$303 066,05
Paul Gardner-Stephen	Enhancing mobile mesh telephony	Enhancing mobile mesh telephony	N		\$18 446,91	\$400 618,34	\$419 065,25

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Peter Bloom	Rhizomatica and Github	Connecting under-served communities	N		\$68 269,81	\$942 670,48	\$1 010 940,29
Peter Cunliffe-Jones	Africa Check	Checking the facts	N		\$64 778,18	\$923 982,16	\$988 760,34
Peter Murray-Rust	Content Mine	Liberating scientific facts	N		\$35 474,15	\$376 475,20	\$411 949,35
Philipp Schmidt	P2PU	Reimagine higher education	N		\$56 262,59	\$1 046 206,94	\$1 102 469,53
Rory Aronson	Farmbot and Openfarm	Automating garden farming	N		\$3 270,76	\$113 884,47	\$117 155,23
Rufus Pollock	Open Knowledge	Empowering citizens through open data	N		\$60 205,30	\$972 230,05	\$1 032 435,35
Seamus Kraft	My Madison	Bringing government into the digital age	N		\$60 653,40	\$963 146,63	\$1 023 800,03
Sean Bonner	Safecast and Github	Measuring environmental impact	N		\$67 752,45	\$1 011 455,19	\$1 079 207,64
Steve Song	Village Telco	Challenging telecommunications policy	N		\$18 322,33	\$918 306,55	\$936 628,88
Steven Vosloo	Yoza	Exploring 21st Century learning	Y	MSc, 2003	\$5 418,22	\$608 582,52	\$614 000,74
Tiffiny Cheng	Fighting for the Future	Fighting for Internet freedom	N		\$50 000,00	\$727 000,00	\$777 000,00
Waldo Jaquith	OS Open Data and Code	Unlocking government data	N		\$56,45	\$196 535,83	\$196 592,28
Total					\$1 412 392,35	\$26 805 457,90	\$28 217 850,25

CURRENT FELLOWS

Fellow name	Project Name	Project scope	UCT Alumnus	Degree	Fellow Contribution	MSF contribution	Total Funding to Date
Achal Prabhala	Accessibsa	Advancing innovation and access to medicines	N		\$44 324,83	\$628 614,79	\$672 939,62
Alasdair Davies	Arribada	Protecting the planet with affordable conservation technology	N		\$47 490,64	\$599 009,99	\$646 500,63
Anasuya Sengupta	Whose Knowledge?	Expanding human knowledge online	N		\$46 236,03	\$614 560,32	\$660 796,35

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Andrew Lamb	Massive Small Manufacturing	Revolutionising the disaster relief supply chain	N		\$1 529,87	\$45 298,66	\$46 828,53
Isha Datar	New Harvest	Developing openly accessible cell cultures	N		\$50 453,26	\$785 732,56	\$836 185,82
Jenny Molloy	Jenny Molloy	Building an open and sustainable bioeconomy	N		\$16 963,05	\$232 153,59	\$249 116,64
Karla Cordoba-Brenes	BeSpiral	Empowering communities to create complementary currencies	N		\$11 975,31	\$166 753,09	\$178 728,40
Tarek Loubani	Glia	Making open medical hardware	N		\$25 623,27	\$407 832,76	\$433 456,03
Ugo Vallauri	Restart	Fixing our relationship with electronics	N		\$34 766,39	\$471 197,50	\$505 963,89
Total					\$279 362,65	\$3 951 153,26	\$4 230 515,91

Funding disbursed by Mark Shuttle Foundation to fellows of the programme \$ 30 756 611.16 (in ZAR, approximately 452 782 522.08)