Samuel Edet

Date of birth: 8th December, 1992; Last updated: 1st July, 2018.

Education

November 2020	**Joint PhD Economics, Networks and Business Analytics**, *IMT School for Advanced Studies*, Italy, *and KU Leuven Belgium*.
Research Project	*Global cities as knowledge hubs: Multinational firms, Connectivity and R&D locations.*
June 2017	**MSc Mathematical Sciences**, *University of Cape Town (African Institute for Mathematical Sciences)*, South Africa, *(class of degree: Distinction)*.
Project	*Recurrent Neural Networks in Forecasting $S\&P500$ index.*
April 2014	**BSc Mathematics**, *University of Ibadan*, Nigeria, *(class of degree: First Class honour)*.
Project	*Application of Fundamental Group to Hanging Puzzle.*

Professional Certifications and Trainings

December 2017	**Certificate in Business Management**, *European School of Management and Technology*, Germany.
	Courses: Organizational behaviour, Business strategy, Corporate strategy, Economics, Marketing, Finance and Accounting e.t.c.
June 2017	**Diploma in Finance and Investment**, *London Institute of Management*, United Kingdom.
	Courses: Accounting principles, Financial performance, Basic financial concepts and Investment fundamentals (Average Score: 100%).
June 2017	**Adwords Mobile Certification**, *GOOGLE*, USA.
	Courses: Adwords fundamentals and Mobile advertising.

Experiences

2017	**Business Developer (Intern)**, Siemens.
	o Team lead for the bid review and research on a multi billion dollar power project in Nigeria.
2015	**Business Developer**, Partners & Managers Hub, Nigeria.
	o Conducted market research for the expansion of the organization's human capital development trainings into South western Nigeria.
2012–2013	**Data Analyst**, Nigeria Institute for Social and Economic Research, Nigeria.
	o Responsible for the data analysis for the surveillance and forecasting department.

Volunteering Experiences

2012–date **Founder**, *Colloq Initiative*, Nigeria.
Social projects on STEM education and leadership at the grassroot level.

2016–2017 **Student Representative**, *African Institute for Mathematical Science*, South Africa.

2016 **Math Teacher**, *False Bay college*, South Africa.
Taught mathematics to low performing South African students as part of the AIMSSEC project.

Awards and Scholarships

2018 Erasmus mobility consortium scholarship.

2017 Fully funded doctorate Scholarship, IMT Italy.

2017 Finalist, Thomson Reuters Excellence Award (student research in data science).

2017 Mandela Rhodes Foundation Scholarship (declined).

2016 Fully funded scholarship from African Millennial Mathematical Science Initiative (AMMSI) to attend the African Academy of Science school.

2016 African Institute for Mathematical Sciences fully funded post graduate scholarship.

2014 University scholar award, University of Ibadan, Nigeria.

2014 Merit award, Nigeria Model United Nations Society (University of Ibadan chapter).

Workshops, Schools and Conferences

2018 Digital Future summit, European School for Management and Technology, Berlin, Germany.

2018 Economic Networks summer school, University of Oxford, UK (Wining team on the economic complexity of Indonesia project).

2017 Atlantic Association of Research in Mathematical Science (AARMS) summer school, University of Prince Edward Island, Canada.

2017 Data science workshop, Africa Institute for Mathematical Sciences / Humboldt Foundation, Cape Town, South Africa.

2017 Mathematics in Industry Study Group (MISG), Cape Town, South Africa.
Industry Projects: Optimal movie scheduling and prediction; Data analytics in online shop.

2017 Summer school in Financial Mathematics, Cape Town, South Africa.

Research Papers and Articles

2017 Edet, Samuel, Recurrent Neural Networks in Forecasting S&P 500 index. (July 12, 2017). Available at SSRN:https://ssrn.com/abstract=3001046 (The paper made SSRN top 10% most downloaded papers in 2017; and was also nominated for Thomson Reuters excellence award for students research in data science).

2017 Edet, Samuel, Optimal Movie Schedule and Prediction. (July 5, 2017). Available at SSRN:https://ssrn.com/abstract=2996512

Computing Skills

Beginner R, Google Adwords, STATA, MATLAB, SQL.

Intermediate PYTHON, SAGE, Microsoft packages.

Proficient LaTeX, Microsoft OS, Linux OS.

Referees

Professor Jeff Sanders: Academic Director, African Institute for Mathematical Science, South Africa. Email:jsanders@aims.ac.za

Professor Pete Grindrod: Mathematical Institute, University of Oxford, United Kingdom. Email:peter.grindrod@maths.ox.ac.uk