Luyanda Mdanda

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Education

University of California, San Diego		
Aug. 2016 - Present	B.S Cognitive Science, specialization in Artificial Intelligence	Minor: Entrepreneurship and Innovation
	GPA: 3.4	Expected Graduation: March 2020

Microsoft		
Project Management Foundations	DevOps for Developers	Data Science in Industry

Big Data University – IBM Verification		
Data Science Foundation – Level 2	Data Science for Business – Level 2	Chatbot Development – Level 1

University of California, San Diego – Office of Innovation and Commercialization
Entrepreneurship Certificate Program

Work Experience

Microsoft	Software Engineer Intern	*NLTK, Microsoft Cognitive Toolkit, Azure, Python*
June 2018 – Aug. 2018	Leveraging cloud computing and artificial intelligence to aid the development of first-party games. - Facilitated meetings between Senior Leadership, Management, and Interns - Commissioned to complete 2 additional data projects within scope of internship	
Microsoft	Software Engineer and Program Manager Intern	*Azure, ASP.NET, Knockout JS, MVC, Git*
June 2017 – Aug. 2017	Developed a client-side data dashboard which allowed users to access their personal user statistics. - Coordinated deliverables across 5 Different Departments within Microsoft - Worked through complete Program Lifecycle Phase, from Definition to Closure	
Voytek Labs, UC San Diego	Undergraduate Researcher	*Society of Neuroscience 2018 National Poster*
Nov. 2016 – Present	Analyzing large sets of electroencephalography (EEG) data using Python, Jupyter Notebooks, and MNE.	

Award

University of California, Health Hack		*1st Place*
2018	Develop a data informed chatbot and dashboard which would improve the general public's access to health care resource	
Design Frontier: Illumina Design-a-thon		*2nd Place – Program Manager*
2018	Lead a team tasked with redesigning the User Interface of Illumina's Genetic Sequencing Medical Device	
Google Games		*4th Place – Team Lead*
2018	Completed math and coding challenges against other universities	
SD Blockchain Hackathon		*Finalist, Program Manager and Dev Lead*
2018	Lead a team tasked with developing and pitching an industry application for Etherium Blockchain technology. Further development in progress…	
SD Hacks		*2nd Place – Illumina Genomics Data Challenge, Team Lead*
2017	Developed an Android application that can transmit data packets, like documents and messages, over audio frequencies between devices with the use of an external network	
Teradata Labs Artificial Intelligence and Cognitive Services Hackathon		*1st Place Overall, Modeling and Data Structures Lead*
2017	Developed a scene and object recognition application which used a Kaggle dataset of 22,000 images of drivers and labels, Amazon Rekognition, Teradata databases and an Aster trained machine to determine what attributes contributed to a driver's distraction levels	
Global AI Hackathon Series – Seattle		*4th Place Overall, Front-end and Authentication Lead*
2017	A web-based application which plays personalized music, by linking to a user's Spotify account, and changes genres of music depending on the reception/emotion of the audience towards the song in real time, using AWS Rekognition.	

Leadership Experience

Microsoft	Intern Ambassador	
Aug. 2017 - Present	Facilitated hackathons and events to spread awareness of Microsoft's intern program and Azure tools.	
UC San Diego	Warren College Residential Assistant	*RA of the Year 2017/2018*
Aug. 2017 – Present	Facilitates the social, academic, and personal adjustment of students to the residence hall and University. Develop a sense of community among residents as members of a floor, hall, and active participants in the residence life system	
The Entrepreneur Challenge	Chief Financial Office	
Mar. 2017 – Mar. 2018	Overseeing responsibilities such as Sponsorship Coordination and Fundraising, Startup resources, Staff management, and Product Research and Development.	