



# 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

### Big Data University – IBM Verification

Data Science Foundation – Level 2	Data Science for Business – Level 2	Blockchain Essentials – Level 1
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### Microsoft Virtual Academy

DevOps for Developers	Data Science in Industry
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### Excel with Business

### Application Design and Development – specialization in intrapreneurship

## Work Experience

Microsoft	Software Engineer and Program Manager Intern	<i>Azure, ASP.NET, Knockout JS, MVC, Git</i>
June 2017 – Aug. 2017	Developed a client-side data dashboard which allowed users to access their personal user statistics from multiple Microsoft services and displayed it in an actionable and intuitive dashboard.	
Voytek Labs, UC San Diego	Undergraduate Researcher	<i>Python, Jupyter Notebook, Git</i>
Nov. 2016 - Present	Analyzing large sets of electroencephalography (EEG) data using Python, Jupyter Notebooks, and MNE. Currently involved in developing MEG and EEG analysis methods as part of the labs publicly available FOOF source script	

## Award

SD Hacks	<i>2<sup>nd</sup> Place – Illumina Genomics Data Challenge, Team Lead</i>	
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	<i>1<sup>st</sup> Place Overall, Modeling and Data Structures Lead</i>	
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	<i>4<sup>th</sup> Place Overall, Front-end and Authentication Lead</i>	
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.	
UCSD Black Alumni Program Scholar		
Sep. 2016 – Present	Selected by Alumni committee on an academic merit basis in the category of Math, Science and Engineering	
Dr. Hasso Platner Award for Outstanding Academic Achievement		
2016	Nationally awarded by merit-based the best academic performance for the year.	

## Leadership Experience

UC San Diego	Warren College Residential Assistant
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 - Present	Overseeing responsibilities such as Sponsorship Coordination and Fundraising, Startup resources, Staff management, and Product Research and Development.
Johannesburg Stock Exchange Liberty Investment Challenge Team Leader	
Jan. 2012 – Mar. 2015	Lead a team of investors using my understanding of the stock market resulting in a Top 50 national ranking.