



# Kwame Boamah-Addo

## Society of Actuaries Examinations

- SOA Exam P/1 - Probability
- SOA Exam FM/2 - Financial Mathematics
- SOA Exam MFE/3 - Model for Financial Economics
- SOA Exam C/4 - Construction and Evaluation of Models
- SOA VEE - Economics
- SOA VEE - Corporate Finance
- SOA VEE - Applied Statistics

## Computer Skills

Languages R, Python, Microsoft Excel VBA, Minitab, Matlab, SAS

## Education

- 2018–Current **PhD. Statistics and Data Science**, *University of Nevada, Reno, Nevada, .*
- 2016–2018 **MS. Mathematics (conc. Statistics)**, *University of Nevada, Reno, Nevada, .*
- 2010–2014 **BS Actuarial Science**, *KNUST, Ghana, (First Class Honors).*

## Work Experience

- Aug 2016–Now **Graduate Teaching Assistant**, *University of Nevada, Reno.*
- Instructor for Pre-Calculus 1, Statistics
- Jun 2018–Aug 2018 **Actuarial Intern**, *Employers Company, Reno.*
- Assisted in pricing, reserving, rate-making and predictive analytics. Explored how feasible stochastic reserving using company data.

## Scholarships and Certificates

- Scholarship 2017 International Association of Black Actuaries Scholarship recipient
- Certificate Ghana Stock Exchange Course on Securities and Exchange- 2013
- Certificate Quantitative Analyst with R by DataCamp - 2017

## Projects

- Statistics Developed a discrete distribution called the Discrete Truncated Powerlaw Distribution.
- Time Series Modeling NYSE All Share Index using ARIMA and GARCH models using R forecast package
- Analysis
- Actuarial Microsoft Excel VBA was used to develop a calculator that could predict ones age expectation taking into account
- Calculator their everyday habits in junior year. (2012)
- Personal Using twitterR package in R to develop sentiment analysis on the two leading candidates in an election in Ghana

## Leadership

**Vice President Events**, *UNR Datascience Club, US.*

## Volunteer Work

**Social Media Committee**, *International Association of Black Actuaries, US.*

Was recently added to the social media committee of IABA to help with social media engagements

**Organizer**, *WDG Youth Foundation, Ghana.*

Helped in the raising of funds and the purchase of food and educational items for donation