

GEORGE AGBENYEGA ZUMANU

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PROFILE:

I am a PhD Economics candidate, part-qualified actuary, and CFA candidate with over ten years of experience in the financial services industry.

My long-term career objective is to advance knowledge and become an authority at the intersection of actuarial science, economics, quantitative analysis, and data science; focusing on teaching and research. In the short to medium term, I will consider prospects that may offer me opportunities for innovation, initiative, and above all highly challenging.

EDUCATION:

August 2019 – May 2025, PhD Economics	Northern Illinois University, US
August 2012 – May 2024, MS Statistics	Northern Illinois University, US
September 2014 – July 2016, MPhil Finance	University of Ghana, Ghana
September 2011 – August 2012, MSc Actuarial Science	Heriot Watt University, UK
August 2004 – May 2008, BEd Mathematics with Economics	University of Cape Coast, Ghana

INDUSTRY EXPERIENCE:

Milliman Inc, US Actuarial & Quantitative Intern Actuarial & Quantitative Intern	September 2024 – to date May 2023 – August 2023
Galaxy Capital Limited, Ghana, SEC licensed & regulated Fund Manager General Manager Portfolio Manager	April 2015 – July 2019 May 2013 – March 2015
FirstBanC Financial Services Limited, Ghana; SEC licensed & regulated Fund Manager Portfolio Analyst Research Analyst	November 2010 – September 2011 April 2010 – October 2010
Databank Brokerage Limited, Ghana; SEC licensed & regulated Broker-Dealer Fixed Income Analyst	September 2008 – August 2009
Keta Senior High School, Ghana Mathematics Teacher	January 2008 – February 2008
Radio Valco 95.3 FM, Cape Coast, Ghana Producer / Presenter	January 2006 – June 2007

TEACHING EXPERIENCE:

Northern Illinois University, IL, US

Graduate Teaching Assistant

August 2019 – May 2024

Course instruction and administration including office hour tuition and grading for:

- Principles of Microeconomics – Undergraduate (Fall 2019, Spring 2019)
- Economic Data Analysis with Excel – Undergraduate (Fall 2020)
- Introduction to Computational/Quantitative Economics - Undergraduate (Spring 2020)
- Mathematics for Economists – Undergraduate (Fall 2021)
- Industrial Economics - Undergraduate (Spring 2021)
- Basic Econometrics & Economic Applications - Undergraduate (Fall 2022)
- Economic Statistics & Econometrics - Graduate (Fall 2022)
- Intermediate Macroeconomics – Undergraduate (Spring 2023)
- Financial Economics I - Graduate (Spring 2023)
- Principles of Microeconomics - Undergraduate (Fall 2023)
- Macroeconomics II - Graduate (Fall 2023)
- Financial Economics II - Graduate (Spring 2023)

Awarded best graduate teaching assistant in 2022 and 2023.

Pentecost University College, Ghana

Adjunct Lecturer, Statistics & Actuarial Science

February 2013 – August 2015

RESEARCH:

Do US state corporate taxes have heterogeneous effects on county-level wages?

Does financial inclusion promote financial resilience?

Do volatility-control funds really control volatility?

Univariate extreme value analysis of quantitative investment strategies

Analysing portfolio-specific mortality experience

PROFESSIONAL QUALIFICATIONS & MEMBERSHIPS:

Society of Actuaries (SoA), USA Credits on ASA pathway – VEEs; Exams: P, FM, FAM, ALTAM, ASTAM, SRM, PA

Institute & Faculty of Actuaries (IFoA), UK Credits in exams CT1- CT8 (now Core Principles: CS, CM, CB)

CFA Institute, USA Passed CFA Level 1

American Economic Association

VOLUNTARY SERVICE:

<i>Member</i>	<i>Graduate Student Advisory Committee, NIU</i>	<i>Aug 2024 – May 2025</i>
<i>Graduate student representative</i>	<i>Faculty Senate, NIU</i>	<i>Feb 2024 – May 2024</i>
<i>Vice president</i>	<i>Association of Graduate Econ Students, NIU</i>	<i>Nov 2023 - May 2025</i>
<i>Actuarial exam content developer</i>	<i>ACTEX Learning, US</i>	<i>Jan 2021 – Dec 2023</i>
<i>Youth administrator & coordinator</i>	<i>Local church, Ghana</i>	<i>Jan 2013 – July 2019</i>
<i>Freelance tutor</i>	<i>Local church and community, Ghana</i>	<i>Aug 2008 – July 2019</i>

PERSONAL:

Hobbies include solving problems, listening to music, reading, traveling, and appreciating nature.