

(Carerra) Titus Kariuki

SUMMARY

Practical real-world experience in team building, coordinating (non)technical projects, and building systems with a sustainable impact that lasts for decades. Seeking to leverage my expertise in the fields of technology, finance, business, and entrepreneurship.

[*More on Carerra's Bio*](#)

SKILLS

Hard: Agile Methodologies (Scrum and Kanban), Program and Project Management, Data Analytics and Visualization (ThoughtSpot, Tableau, Power BI), Programming (Java, Python, R, SQL, HTML, CSS, JavaScript), Advanced Mathematics, Strategy & Project Analysis

Soft: Leadership, Beta and Growth Mindset, Critical thinking, Problem-solving, Vision, Attention to Detail, Cross-Global Collaboration, Adaptability, Public Speaking, Stakeholder Management, Client and Customer Centricity

Values: Excellence, Hardwork, Goal-oriented, Ambition, Strategy, Personal Accountability, Competence, Integrity

Certifications:

- Agile Project Management Essentials (Udemy),
- 15 Days of Power BI: From Beginner to Pro (Udemy),
- Prompt Engineering for Beginners – Learn ChatGPT Prompting (Udemy),
- Ethics in the Age of Generative AI (LinkedIn Learning),
- Certificate for Exercising Leadership: Foundational Principles (HarvardX),
- Core Data Analysis, Manipulation, and Presentation with Excel (Wall Street Prep),
- Husky Leadership Certificate (University of Washington),
- Foundations of Leadership (NSLS)

Languages: English & Swahili – Fluent, Spanish – Intermediate, Simplified Chinese – Basic

EDUCATION

B.A. Mathematics, University of Washington (3.54/4.0), December 2022.

Relevant coursework: Differential Equations, Logical Reasoning, Number Theory, Advanced Linear Algebra, Real Analysis, Applications of Modern Algebra, Group Theory, Topology, Technical Foundations of R, Software Entrepreneurship

A.S. Computer Science, Highline College (3.66/4.0), June 2020.

Relevant coursework: Introduction to Python, Object-Oriented Programming with Java, Web Development, Derivative, Integral, and Multivariable Calculus, Linear Algebra.

WORK EXPERIENCE

Data Analytics Business Analyst | BNY Mellon | August 2023 – Present

- Assessing clients' Business Intelligence needs for ThoughtSpot, Power BI, Tableau BI tools and collaborating with Data Engineers to build personalized use cases. Conducted 16 Demos, 8 Proofs of Concept (POCs), and developed 10 Use Cases + 10 Change Requests for 20+ Lines of Business. Serving internal clients across multiple geographies including the United States, UK, Poland, and India.
- Co-managing BNY Mellon's data hub (MyCDO) which provides 8 key data services to the bank's 22 Lines of Business. Tasks include content management and site maintenance.
- Act as a pseudo-scrum master for our process improvement (PI) meetings. Led 28 meetings (Retrospectives, Standups, and PIs), and set up 42 tickets, with 29 of them implemented and/or released.
- Currently documenting "ThoughtSpot @ BNYM" and the internal ThoughtSpot Business Analysis workflow. Published 3 ThoughtSpot@BNYM success stories and a new workflow on the ThoughtSpot <---> Snowflake connection.

Sales Specialist | Apple Retail | August 2022 – January 2023

- Sold \$115,000 worth of Apple products in five months, exceeding personal sales targets by 15%.
- Pitched Apple Business Services to customers with business needs, resulting in \$5,500 in Business sales and signing up 2/7 customers under Apple Business.
- Consistently received positive customer satisfaction scores with an average Net Performance Score (NPS) of 94, exceeding the store's score of 77.

Seattle MESA Office Assistant | AmeriCorps | August 2021 – September 2022

- Planned lessons in Software Development, Programming, and Blockchain for five K-12 schools in Seattle. 21 seniors applied for Computer Science majors in college.
- Enacted in-office tech support by maintaining computer software, improving by 44% the productivity of 31 MESA students who use MESA computers for homework.

Financial Aid Office Assistant | Highline College | May 2019 – August 2021

- Created, maintained, and documented 3,662 students' Financial Aid information in databases. Distributed \$26M in annual Pell Grants.
- Supported office computer software with the latest Windows updates, Azure, and Cloud Technologies, increasing overall productivity and process management across teams.

TECHNICAL PROJECTS

Test User | Univus ("Universe") App Development | February 2021 – June 2023

- Aided in creating and testing the Univus app which connects students globally via audio chats centered on topics of interest.

- Ensured technical success by translating customer feedback to the software developers for app developments, code-reading, and version releases.
- Recruited 47 beta-testing users to provide continuous application feedback.

Data Analyst | INFO 201 – Technical Foundations with R Programming: Blockchain Technology | April 2021 – June 2021

- Researched and compiled data on blockchain technology, applications, and industry disruptiveness.
- Utilized R-programming to visualize the blockchain industry, growth potential, and the Total Addressable Market (TAM) for five years.

LEADERSHIP

Founder & President | Kenyans in STEM Association (KiSA) - April 2022 – Present

- KiSA enhances scholarly, professional, and academic development of Kenyan STEMers in the diaspora through networking and resource provision.
- Built the ad-hoc organization from 0 to 240+ Diaspora Kenyans in STEM as of October 2024, considering a nonprofit status.

Region II Professionals Telecommunications Chair | National Society of Black Engineers (NSBE) | May 2024 – Present

- Creating social media content (Instagram, LinkedIn, Facebook) regarding the Region II NSBE Professionals affairs. Reached 18,000+ accounts via all three accounts between July 2024 – September 2024.
- Currently redesigning the NSBE R2 Professionals Website to enhance regional professionals' communication.

The GOAT of NSBE | National Society of Black Engineers (NSBE) | April 2022 – Present

- Made it a personal responsibility to inspire (non)NSBE members to actualize their STEM potentials just as NSBE inspired me starting out.
- Endeavors include: Serving in NSBE leadership for 3 out of my 4 years, joining NSBE Leadership 4 months after being an inaugural member, and hosting three NSBE talks at two National Conventions and one Regional Summit.

Region VI Secretary and Telecommunications Chair | National Society of Black Engineers (NSBE) | April 2021 – May 2023

- Conveyed correspondence to 2,773 NSBE members across the US West Coast (10,000+ emails total.) Achieved a 53% open rate with 6,381 emails opened in six months contributing to mass NSBE-48 Conference Registration.
- Built three websites using Google Sites for two Regional Leadership and two Fall Regional Conferences, garnering 1,181 attendees over the four conferences total.

Vice President | National Society for Black Engineers, University of Washington (NSBE-UW) | April 2021 - June 2022

- Organized and coordinated weekly club meetings with 17 Fortune 500 companies. Seven members have either landed internships or full-time jobs with four of these companies.
- Strategized the NSBE-UW Annual Diversity Career Fair. Had 107 companies and 1,731 students in attendance while raising a net revenue of \$23,532.89.

FELLOWSHIPS

Summer Fellow | The Takeoff Institute | June 2022 – August 2022

- Developed professional skills in research, project analysis, and initiative. Capitalized interpersonal skills such as communication, presentation, and time management.
- Authored an end-fellowship presentation paraphrasing Ray Dalio’s “Principles of Dealing with the Changing World Order” to build my presentation and PowerPoint skills.
- Strategized my job search with my advisor. Attended the SHPE National Convention 2022 and attained my current job at BNY Mellon as a result.

2020-2021 Forge Fellow | The Roosevelt Network | June 2020 – June 2021

- Drafted a tech policy to the King County Government to allocate the Technology Matching Fund (\$25,000) for underserved minorities for technical expertise. The policy was published by the Roosevelt Network.
- Liaised with the technical team at the Paul G. Allen School of Computer Science (UW) in data collection to implement the TMF policy.

VOLUNTEERING

Junior Advisory Board Member - Research | The Takeoff Institute | May 2023 – May 2024

- Actively collaborated with senior leadership (C-Suite) and fellow board members by providing valuable research-driven insights.
- Curated an alumni survey to gauge Takeoff’s impact on their career trajectories. The survey yielded 54/150 responses with an average 3.9/5.0 rating recommending Takeoff.

Growth Ambassador – Partnerships | Candoor | June 2023 – September 2023

- Responsible for scaling Candoor via creating partnerships with student and professional organizations plus strategizing outreach communications. Established partnerships with 41 partner organizations.
- Catalyzed rapid Candoor signups by drafting outreach templates and LinkedIn marketing. Achieved 282 new signups in three months.

Contract Instructor | A Vision for Electronic Literacy and Access (AVELA) | February 2023 – June 2023

- Created six hours of content on Financial Literacy, Web Development, and Business Marketing Strategies, permanently integrated the content into AVELA’s core curriculum.
- Taught 16 classes on Web Development and Business Marketing Strategies to 30 students total over 36 hours total. Three middle-schoolers are potentially considered Computer Science as a college major with nine others considering freelance web design.

Senior Analyst | Personal Finance Literacy, UW Foster School of Business | November 2022

- Volunteered for the Finance 205: Investor Day activity, leading a team of 50 in a fun-filled stock-picking and portfolio assessment activity.
- Opportunity to develop presentation skills, networking, and business development.

Secretary | The Kenyan Catholic Community in America (KCCA) | November 2018 - August 2019

- Drafted KCCA agendas, minutes, and created required documents for meetings.
- Took minutes for 17 meetings and forwarded them to the national office at Jersey City, NJ, for further deliberation.
- Communicated with seven affiliated states on their requirements on their hosting of the annual KCCA convention.

ENTREPRENEURSHIP

Carerra's Chronicles | October 2017 – Present

- Carerra's Chronicles is a motivational brand where I share motivational thoughts on topics that interest me. Topics include (but not limited to): Technology, Finance, Motivation, Personal Development, Leadership, Business, Entrepreneurship, Education, and Careers.
- In 2024, accumulated 3,463 views and 1,324 site sessions in 45 countries worldwide from 28 blog posts.

The Weekly Chronicle by Carerra's Chronicles | March 2024 – Present

- A pastime endeavor where I share my weekly insights and learnings in under a minute.
- Released 23 volumes with 663 reads total and 60 subscribers since inception.

MENTORSHIP

UW NSBE Leadership Shadow Initiative | February 2023 – April 2023

- Coached UW NSBE members aspiring to join the Regional Executive Board (REB) by personalizing their leadership journeys and recommending roles by merit. Onboarded five UW NSBE members onto the REB including my successor - Secretary.

UW NSBE Big-Little Program | November 2022 – June 2023

- Mentored two underclassmen by availing resources that aid to their personal, academic, and professional development; one succeeded me as a Summer 2023 Takeoff Fellow.

ENGAGEMENTS

Podcasts Awakening Reflections – Talks on Polymathy (2024), The Kindcast with Michelle Marlon (2024), DasGame Podcast (2024), Construction DEI Talks – “Diversity in Corporations” SHPE22 (2022)

- Speaker:** Strategies for Long-Term Goal Setting, NSBE Region II Fall Zone Summit (2024), “From a 1.2 GPA to Wall Street in 12 months” NSBETalks @ NSBE49 (2023), UW OMAD Celebration (2022), OMAD + Microsoft Thanksgiving Fundraiser (2022.)
- Media:** The Moe Tilus Show – “Diversity in Business” (2023), Kiro 7 News – “UW Commencement 2023” (2023)
- Panelist:** The Headstart Fellowship, Career Panel (2024), Black STEM Experience (BSX) @ NSBE49 (2023), UW OMAD All-Staff Meeting (2023)

PUBLICATIONS

- Kariuki T., “Expanding Digital Equity from Seattle to All of King County.” *The Roosevelt Network Annual 10 Ideas*. (2021)
- Kariuki T., “My Life in the US So Far as an Immigrant.” *University of Pittsburgh, Journal of Youth Development (JYD)*. (2019)

HONORS AND AWARDS

University of Washington

Mathematics Department Award of Excellence

Outstanding Graduating Senior 2023 Spring 2023

2022-2023 UW OMAD Recognition Scholarship

Dr. Millie Russell Scholar Spring 2022

Dean’s List

Autumn 2020

Highline College

Vice President’s Honors Roll

Winter 2019 – Winter 2020

Phi Theta Kappa, ΦΘΘ

Spring 2019 – Summer 2020

Legacy Scholar Award

Spring 2020

Biella Foundation Scholarship

Winter 2019

Highline Foundation Scholarship

Spring 2018

PROFESSIONAL AFFILIATIONS

National Society of Black Engineers (NSBE)

January 2021

Region II NSBE Professionals

2023 –

NSBE Entrepreneurship Special Interest Group

2022 –

Seattle NSBE Professionals

2023 – 2024

UW NSBE

2021 – 2023

Kenyans in STEM Association (KiSA)	April 2022
Candoor	December 2022
ColorStack	December 2022
Takeoff Institute	June 2022
A Vision for Electronic Literacy and Access (AVELA)	June 2021
Google x Management Leadership for Tomorrow (MLT): Tech Equity Collective	March 2023
Brilliant Black Minds	August 2022