

Nuela Chidubem Enebechi

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Dear Hiring Manager,

I am an Industrial Engineer with specializations in Human-Computer Interactions (HCI) and Human Factors. With an undergraduate degree in Computer Science, I am equipped with the technical knowledge to be a data analyst and consultant. I also have more than three years of experience in the realm of research in STEM. I am excited about this opportunity to bring my expertise and enthusiasm to your growing research team. As a researcher, I am passionate about utilizing my skills to provide practical and applicable data-driven insights to represent the voice of diverse users at Capital Group this is one of the main reasons I am thrilled to apply for this Quantitative Research Summer Associate opportunity on your team.

Having garnered advanced skills to execute qualitative and quantitative research methods, along with experience in designing and conducting research studies to better understand the needs of users; I am ecstatic to use the knowledge I have gained within my coursework and apply my skills from previous research-oriented positions to contribute and be an asset to your team at Capital Group. As a graduate student researcher at Purdue University, I have hands-on experience carrying out end-to-end research for several projects. One of the projects I worked on entailed understanding the relationship between students' demographics and manufacturing careers. I implemented qualitative and quantitative research methodologies to distill insights into design recommendations, presented actionable insights, and told stories using data visualization that clearly communicated complex findings to stakeholders. With my extensive qualitative research experience in user interviews, usability studies, and survey design, I am driven to deliver high-quality results.

My experience in quantitative research also enables me to analyze and visualize data using advanced statistical methodology including factor analyses, ANOVA, and linear regressions, using R, Python, and SPSS. My approach is centered on recognizing patterns across multimethodological studies to provide converging insight on complex problems. My final findings on this research project were communicated in written and oral formats and published in the American Society of Engineering Education (ASEE). I have also previously presented research findings for other projects at the Human-Computer Interaction International (HCII) conference. In addition to applied research adeptness, I have excellent collaboration and multidisciplinary skills as seen in my current Ph.D. project where I am working on an interdisciplinary project that bridges the world of Human Factors to Virtual Reality (VR). Through these experiences, I have gained significant intercultural and organizational research exposure, empathy, interpretive, and insightful technical skills that can turn problems into tangible, actionable solutions. Additionally, I serve as a Teaching Assistant (TA) at Purdue University where I coach undergraduate students on the core principles of a design process. The course I teach is an undergraduate course in the College of Engineering, open to all undergraduate students across multiple disciplines. Engineering Programs in Community Service (EPICS) is a unique program in which teams of undergraduates are designing, building, and deploying real systems to solve engineering-based problems for local community service and educational organizations. I constantly communicate with my students on the importance of implementing a thorough reflection at each stage of the design process in order to ensure that they are executing the needs of the clients, communicating with stakeholders and to always have empathy at their forefront while carrying out their projects. This teaching experience has enabled me to enhance my communication and inter-personal skills, which will better prepare me to collaborate with teams and tackle high-stakes projects at Capital Group.

Overall, I believe that my open-mindedness, love for learning combined with my experience in academia and industry will enable me to be a successful team member at Capital Group. I know through this position, I can leverage my technical skills, as well as my soft skills to add significant value to the research team at Capital Group. I will be able to interact with clients to produce concise and transparent analyses and reports as well as carry out smart research in a fast-paced environment. I look forward to further discussing my qualifications with you.

Sincerely,



Chidubem Nuela Enebechi