

# The professional profile of PhD-holders

## Anandhu Krishna Mohanan

### Academic Researcher

Welcome to my Skill Portfolio—a dynamic showcase of my diverse talents and capabilities. Here, you'll discover a journey through the realms of data analysis, project management, and digital expertise.

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<https://sites.google.com/view/anandhukrishnamohanan/research-projects> :

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## Core business

### PHASE 2 Skill development

During my tenure as a Catalog Quality Associate at Amazon, I consistently engaged in self-reflection to assess and enhance my skills. I initiated a mentorship program to facilitate knowledge transfer and skill development among team members. During my role as a University Research Assistant at GATE-CNRS in Lyon, France, I engaged in regular discussions with Dr. Galeotti seeking advice on refining the methodology of the field experiment and maintaining data management in the labs. Through these experiences, I have not only honed my technical skills in experimental economics data management but also developed a holistic understanding of the critical role data plays in facilitating meaningful research outcomes.

*Takes a critical look at his skills and experience and regularly fine-tunes his career goals.*

*Knows how to develop new skills to keep step with changing knowledge and needs.*

*Relies on advice from competent professionals (coaching) or experienced staff and takes their opinions into account; uses his networks to manage his career.*

*Is able to evolve gradually from technical expertise to managerial expertise.*

*Helps his staff develop their skills and networks and assists them in achieving career development goals.*

### PHASE 2 Evaluation

As part of a collaborative internship project, I was part of a group of five individuals to conduct a comprehensive systematic review (SR) of the literature on climate change education (CCE). This involved developing a structured methodology, defining inclusion and exclusion criteria, and systematically analyzing a vast body of literature to identify educational contents and activities. Through this experience, I honed my skills in project management, delegation, and coordination, ensuring the successful completion of a complex research task.

*Knows how to regularly evaluate the progress, impact and outcomes of his staff's activities.*

*Takes part in evaluating both internal and external projects.*

*Is able to evaluate hypotheses and concepts lying beyond his field of expertise.*

*Encourages his staff to take ownership of the evaluation process.*

### PHASE 3 Information management

My proficiency in strategic monitoring is complemented by my expertise in developing innovative techniques for information management. With a solid foundation in SQL database processing and Power BI, I have effectively navigated the intricacies of data analysis, providing valuable insights to support strategic decision-making. Utilizing SQL for efficient database processing and

harnessing the power of Power BI for data visualization and analysis. Staying updated on the latest developments in information design, collection, and analysis ensures that I am well-equipped to adapt to evolving industry standards and contribute meaningfully to the field.

*Collects information for purposes of business intelligence.*

*Develops new information management techniques.*

*Keeps track of current developments in the design, use, collection, analysis and preservation of information and/or raw data.*

### **PHASE 1 Expertise and methods**

My academic training includes a robust understanding of research methods and techniques, including mathematics and statistics. Proficient in tools such as R and Python, I have applied statistical modelling and data analysis in various research projects. The research internship significantly enhanced my expertise in navigating diverse databases and journal libraries to proficiently extract pertinent academic papers. Additionally, it provided hands-on experience in formulating a well-defined research protocol tailored to the specific methodologies and requirements of the study.

*Masters the basic knowledge and key concepts of his field and knows their history and their significance.*

*Is familiar with recent progress in his field.*

*Can view his research activities within an international context.*

*Is familiar with the investigative methods and techniques of his field (including mathematics and statistics) and can explain why they are appropriate for a given purpose.*

*Is able to consider alternative methods and techniques.*

*Is able to formulate problems and hypotheses according to needs.*

*Defends his research findings in a constructive manner; provides evidence to support his ideas and proposals.*

*Organizes his presentations in a clear, informative and concise manner.*

## **Personal and relational qualities**

### **PHASE 1 Communication**

Both my master programs have boosted my confidence in working in a group. Courses like Project management and data visualisations in powerbi had helped to develop as a team player. Being a member of L'association Jeunes Ambassadeurs, I actively engaged with professionals and colleagues to seek career advice and learn the french language. Successfully recruited participants for an experimental economics project, strategically engaging both university and road networks.

*Knows how to put together a persuasive presentation and communicate about his project or his activity.*

*Understands, interprets and communicates appropriately in a register suited to his aims and his audience.*

*Masters a range of communication tools.*

*Masters his online identity.*

*Contributes to the dissemination of knowledge within the company, and demonstrates effective teaching skills.*

*Is proficient in at least English and one other world language.*

### **PHASE 1 Open-mindedness and creativity**

Proficient in data analysis, visualization, statistical modeling, and digital tools like R, Python, SQL, and Power BI, I leverage technology to drive innovation. My digital skills contribute to the appropriation and testing of new ideas in various domains. Membership in L'association Jeunes Ambassadeurs has provided me with opportunities to interact and seek collaboration with professionals from different cultures. My Master's thesis on the analysis of motivations for micro-transactions in the mobile gaming virtual market demonstrates my constructive questioning and scientific doubt. I actively develop, appropriate, and test new ideas in the dynamic field of behavioral economics.

*Demonstrates an ability to acquire knowledge; shows flexibility and open-mindedness. Engages in interdisciplinary activities.*

*Possesses a constructive style of questioning and scientific doubt.*

*Develops, takes ownership of and tests new ideas; is clever; seizes opportunities.*

*Interacts with and seeks the collaboration of professionals of different cultures; knows how to accommodate cultural differences.*

## **PHASE 2 Integrity**

I embody integrity beyond theory, applying it in practical arenas like business games, experimental ethics, and conferences. In gaming, I ensure fair play, transparency, fostering credibility. In research ethics, I'm conscientious, prioritizing participant welfare. Merging environmental economics principles with integrity defines my professional ethos. Across academia and work, I sustain commitment to sustainability and ethics.

*Builds staff awareness of the need for responsible conduct of research.*

*Advises his peers and staff concerning matters of respect, confidentiality, anonymity and intellectual property.*

## **PHASE 2 Balance**

I actively pursue continuous development by capitalizing on strengths and addressing weaknesses. Analyzing data in a dynamic environment equipped me with the skills to confront opposition and build on my strengths to ensure accuracy and completeness. I try to constantly improve and fill my gaps by trying to attend various workshops and conferences. Managing part-time work as a student requires careful planning, effective communication, and a commitment to self-care and the skills gained from these experiences have significantly contribute to personal and professional development.

*Knows how to deal with strong opposition.*

*Draws on his strengths and transcends his weaknesses.*

*Knows how to cope with pressure generated by his career or his personal life.*

*Is able to keep his work and home environments separate.*

## **PHASE 2 Listening and empathy**

In my experiences, whether engaging in group work during internships, organizing conferences and business games, or taking on teaching roles, I consistently demonstrate active listening skills. I place a strong emphasis on understanding the needs and perspectives of my collaborators. I am attuned to the needs of my colleagues, showing sensitivity to stress and offering support and advice when required. This approach extends into my passion for group work, internships, conferences, business games, and teaching, creating a collaborative and supportive environment.

*Knows how to engage in active listening in various situations.*

*Is careful to take his contacts' needs and frame of reference into account.*

*Expresses gratitude regularly.*

*Takes the needs of his staff into consideration, is sensitive to signs of stress and able to provide support and advice when needed.*

## **PHASE 1 Negotiation**

In my academic journey, the exploration of negotiation theory and non-cooperative economics within the realm of behavioral economics has significantly enriched my skills. These theoretical frameworks have provided valuable insights into understanding human behavior, decision-making processes, and the intricate dynamics of cooperative and non-cooperative interactions. By delving into these theories, I've cultivated a nuanced perspective on how individuals navigate negotiations, make choices, and respond to incentives. This knowledge has not only enhanced my analytical capabilities but has also equipped me with a deeper understanding of the complexities inherent in behavioral economics.

*Is able to detect people's unstated needs based on the requests they formulate. Knows how to reconcile the drivers, requirements and constraints of his contacts to reach a consensus, and is able to gather all the information needed to do so.*

## Business management and value creation

### PHASE 2 Project management

Proficient in data analysis, visualization, and statistical modeling using R, SQL and Python, I possess the technical skills necessary for effective project planning. The field experiment I was part of required a good amount of training regarding the role of different players in the experiment. Being the first intern to join the team, I was guiding new interns and actors every time regarding the portfolio and this has equipped me with the analytical skills to evaluate changes in objectives, organization, schedule, and resource requirements.

*Is attentive to discontinuities, trends and weak signals; is prepared for the unexpected; identifies unforeseen opportunities in the project.*

*Recognizes good ideas and best practices, identifies weaknesses and gaps.*

*Considers and implements any necessary changes in objectives, organization, schedule, resources and quality requirements.*

*Knows how to drive his staff in compliance with scheduling and time constraints.*

*Utilizes a wide range of project management strategies; clarifies priorities and formalizes expectations.*

*Introduces quality systems.*

*Guides difficult, complex projects to successful completion; manages several projects simultaneously and efficiently; can intervene to conduct project audits and propose action plans to get projects back on track.*

*Provides support or assistance to his staff; takes over on projects that lack leadership.*

### PHASE 3 Managing change

Throughout my academic and professional journey, I have demonstrated a keen ability to adapt my approach and project organization according to evolving requirements. During my tenure at Amazon, the dynamic nature of the e-commerce industry demanded continuous adaptation to changing content standards and emerging trends. I effectively adjusted my approach to ensure the accuracy and completeness of data.

*Knows how to give meaning and perspective.*

*Knows how to manage the key stages of change and grief.*

*Promotes and encourages change, contributes to organizational change initiatives.*

### PHASE 3 Managing risks

My academic background, which includes extensive coursework in big data analysis, game theory, and international risk management, has equipped me with a robust skill set to effectively manage business risks. I am well-versed in employing risk management strategies such as prevention, acceptance, reduction, and transfer to ensure the overall resilience of the organization.

*Has the ability to manage the company's risks through the use of risk management strategies, including prevention, acceptance, mitigation and transfer.*

*Advises and is able to define and manage a policy on social and environmental responsibility.*

*Encourages collective understanding of the implications and principles of social and environmental responsibility in the context of his activity.*

### PHASE 2 Decision-making

My exposure to business games, coupled with my academic background in performance management, professional marketing, and neuroeconomics, has significantly contributed to enhancing my decision-making skills. The integration of neuroeconomics into decision-making

processes has equipped me with insights into the underlying cognitive and emotional factors that impact choices. This information has strengthened my ability to make informed, data-driven decisions in complex and dynamic business environments.

*Realizes that no one solution is perfect; can reconcile the imperatives of the market with the quest for technical optimization.  
Is able to make choices and assume the consequences of his decisions; has the ability to reconsider decisions when needed.*

### **PHASE 3** Obtaining and managing funding

In my academic and professional journey, I have developed a profound understanding of European and international institutional systems, demonstrating my ability to support projects within these framework effectively. Additionally, my capability to develop financial partnerships and identify complementary sources of financing is evident in my involvement in microeconomics studies and my contributions as an organizer for cultural programs.

*Knows how to use European and international institutional funding mechanisms to support projects.  
Helps to formalize and manage a policy on funding, budget management, financial management and value creation.  
Is able to establish financial partnerships and devise additional funding arrangements.  
Participates in bodies that allocate funding and helps to shape their strategy.*

### **PHASE 1** People management

Being a volunteer at the ESA world conference in 2023 helped me to built relationships with international peers, demonstrating adaptability and respect for diverse perspectives. In the research assistant role, I provided transparent and detailed reports, contributing to the credibility of the research findings. Trust was established through reliable observation and coding of social norm behaviors during the field experiment.

*Has experience with teamwork; knows how to encourage, support and recognize the contributions of each player.  
Knows how to be a team player.  
Is able to win the trust of his peers and his line management.  
Can report on his activities.  
Supports his peers when needed and can provide assistance.  
Understands human resources policies and management tools such as recruitment, evaluation, remuneration and strategic workforce planning.  
Takes safety, social responsibility and labor law requirements into account.  
Upholds rules on non-discrimination and equal opportunity among employees.*

## **Strategy and Leadership**

### **PHASE 2** Strategy

By meticulously reviewing and enhancing the content quality of the Amazon catalog, I directly contributed to the company's overarching goal of providing an exceptional customer experience. This involved aligning my day-to-day activities with the strategic vision of Amazon, ensuring that the catalog not only met quality standards but also supported the company's market positioning and customer satisfaction goals.

*Observes his environment; recognizes discontinuities and micro-trends; detects weak signals.  
Develops his own approach and shapes his understanding of the topic.  
Encourages brainstorming and draws conclusions relevant to his area of activity.  
Regularly produces documents of a forward-looking and strategic nature.  
Makes sure that his activities contribute to the company's strategy and attainment of its objectives, and to the enrichment of his organization or sector of activity.  
Is familiar with various innovation strategies.  
Ensures that his staff is aware of and understands their environment and the importance of*

strategy.

### **PHASE 3 Leadership**

Throughout my professional and academic journey, I have consistently emphasized building relationships based on trust. In leadership roles at Amazon and as a University Research Assistant, I prioritized open communication, reliability, and integrity. These values contributed to the development of trust within teams, fostering a positive and collaborative work environment. This approach not only enhanced project outcomes but also nurtured enduring professional relationships.

*Builds and maintains networks of skills, projects, teams and entities.*

*Helps others understand the meaning of their efforts.*

*Through his actions, inspires trust in the entity and in the projects he manages.*

*Enjoys international influence and reputation: decision-makers seek his input and advice.*

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