The professional profile of PhD-holders

Nahashon Osinde

Embedded systems engineer

osinde1@outlook.com

Thesis defended : Sun 3 May 2026 Université Bourgogne Franche-Comté France

Core business

PHASE 1 Evaluation

In my last year of the PhD, I was able to analyse my own results with respect to the existing results in the literature and provide an evaluation. This helped me in clearly stating my scientific contributions.

Evaluates the value of various documents concerning his field of expertise.
Is able to judge his own results in terms of both quality and added value.
Is willing to expose ideas to a critical audience; takes others' opinions of his work into account.
Is willing to evaluate the work of other contributors and provides reasoned, realistic judgments of others' work.

PHASE 3 Expertise and methods

My PhD research work has been an interdisciplinary project. I have had to gain basic skills in optics, advanced skills in robotics and computer vision. I have then integrated all this towards a biomedical target; improvement of optical coherence tomography.

Makes recognized contributions to the advancement of knowledge and innovation.
Is viewed as an international authority.
Possesses in-depth and comprehensive understanding of the strategic orientation of his field of expertise.
Sees opportunities for synergy among different sectors of activity.
Has the ability to develop new investigative methods.
Can work in an interdisciplinary setting.
Is able to devise and coordinate a collective work program focusing on new research problems.

Personal and relational qualities

PHASE 1 Communication

During my PhD studies I have given seminars both to people in the scientific as well as non-scientific community. This equiped me with the skills to describe difficult concepts as easy as possible. I participated to the 'Pint of science' for two years.

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 2 Collaboration

In the second and third year of my Phd, I cosupervised masters student during their internship. We were able to work seamlessly and produce relevant results in the field of optical coherence tomography.

Collaborates with people/teams who play a pivotal role on the global scale.
Leads networks and helps to institute dialogue between different entities.
Knows how to establish partnership relations with people working outside his field.
Has the ability to co-produce results and/or innovations.

PHASE 2 Analysis, synthesis and critical thinking

During my Phd, I have had to read widely and gain skills both in robotics and computer vision with the aim of succcessively achieving a goal in the biomedical field.

Knows how to apply his analyzing and synthesizing abilities to new fields.
Takes ownership of new analytical methods.
Has a novel and independent way of thinking and makes significant contributions.
Questions “business-as-usual” scenarios in his activity.
Advises his staff to help them develop their own capacities of analysis and synthesis.
Stimulates critical thinking among his peers and his staff.