

My name is Jean Baptiste Fankam Fankam, a Ph.D. student in materials science at the University of Yaounde 1-Cameroon and I am waiting for the schedule of my defense.

During my Ph.D. studies, I used electronic structure calculations like Ab initio and DFT methods to predict some properties such as structural, electronic, optoelectronic, thermodynamic, nonlinear optical, QSAR, vibrational frequency, global reactivity descriptor, Binding energy, and solubility of organic compounds. I also used solvent media to see their effects on the properties above. I used Gaussian 09 software with gaussian basis set for atomistic calculations.

While waiting for the schedule of my PhD defense, I am now taking online courses on data science on the Data camp website to see how it can be applied to the materials science domain particularly to DFT.

I am also seeking a postdoctoral position or scholar visit in materials science with or without machine learning applied to DFT.