

# Introduction Report

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## 1 Goals, Background and Plans after Graduation

My primary goals for this course are to

- develop a healthy and productive relationship with coding as I do not particularly enjoy programming currently
- get better at it

I took a computational math course in my second year of undergraduate studies at the University of Ghana. I also had my final year project in the area of Density Functional Theory to determine the structural and electronic properties of Potassium Niobate ( $KNbO_3$ ) with first principles which included quite a lot of coding. I quickly realized I needed more practice in this area so I was an intern at Ghana Space Science and Technology Institute after graduation where I worked on a project entitled 'Classification of Galaxies using Convolutional Neural Network Techniques'. After my Master's, I plan on furthering my education and enrolling in a PhD programme related to Fusion Energy.

This is my GitHub link: [Nana Ama's GitHub Link](#)

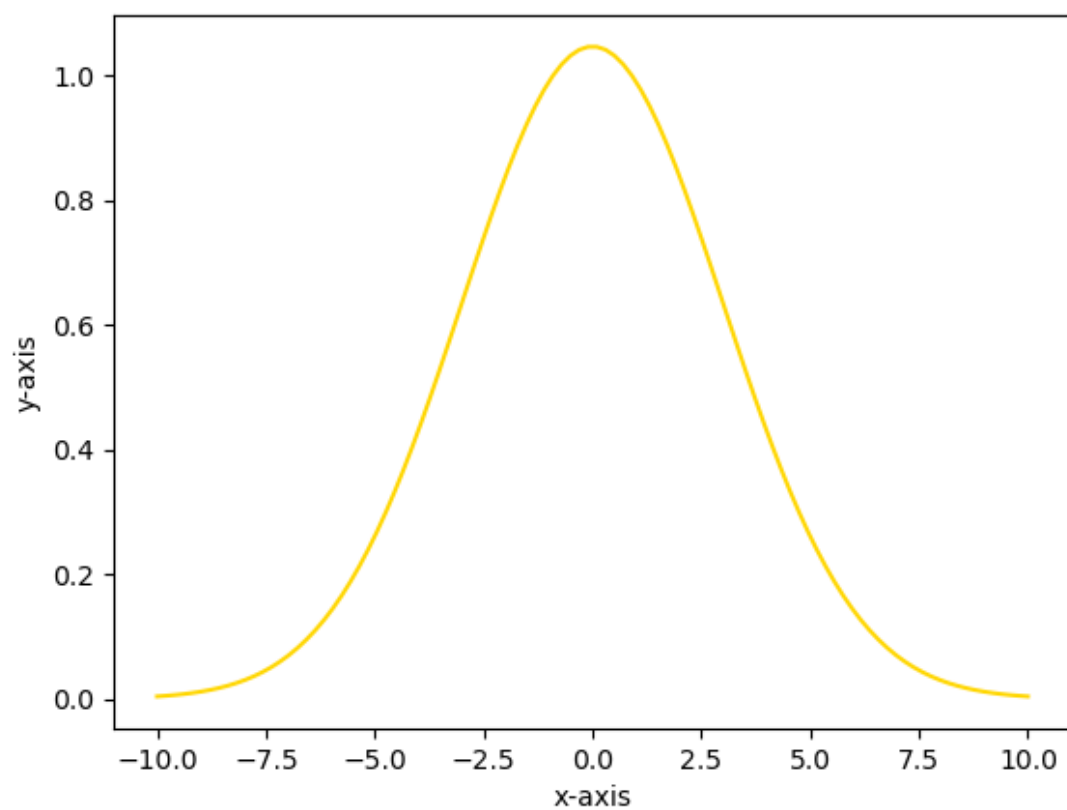


Figure 1: A normal distribution curve with a standard deviation of 3 and a mean of 0 over the range  $[-10, +10]$