

Hi!

I'm [Manas Sharma](#), the one behind this blog/website (www.bragitoff.com).



I'm a computational material scientist currently working as a postdoctoral researcher in the [Department of Chemical Engineering](#) at the [Indian Institute of Science, Bengaluru, India](#). I'm jointly advised by [Prof. Ananth Govind Rajan](#) and [Prof. Sudeep Punathanam](#).

I obtained my PhD in Physics in the [Computational Materials Science](#) group of [Prof. Dr. Marek Sierka](#) at the [Friedrich Schiller University Jena](#).

I like coding, gaming, and creating YouTube videos on Physics and related topics.

Through this website, I try to share my codes, tutorials, applications, videos, and other information that may be useful for those in my and related fields.

Some of my special achievements in my academic and research career are:

- Developing and implementing density functional embedding theory within the extremely popular [TURBOMOLE program package](#).
- Developing an efficient and easy-to-use neural network library for Python from scratch - [CrysX-NN](#).
- Developing [a suite of Android, Computer, and Web apps under the name 'CrysX'](#) that provide various functionalities like:
 - (a) High quality molecular and crystal visualizations,
 - (b) Augmented reality (AR) visualization of molecules and crystals,
 - (c) Chemical file format conversions, Basis set conversions, modeling of chemical structures, etc.
- Running a popular [YouTube channel](#) (15k subs) as well as an [Instagram page](#) (25k followers) by the name of 'Phys Whiz'.

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