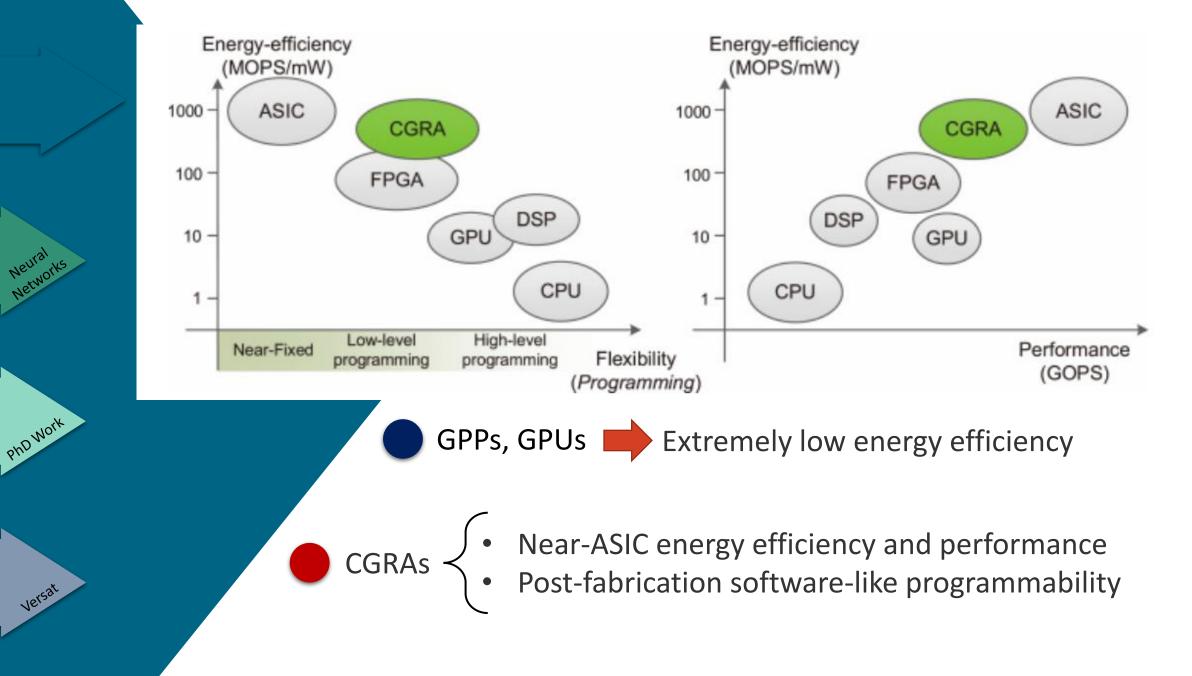


## PhD Position in Electrical and Computer Engineering

Behzad Joudat

25<sup>th</sup> January 2022



PhD Work

Versat

Machine Learning -> Deep Learning algorithms -> Neural networks

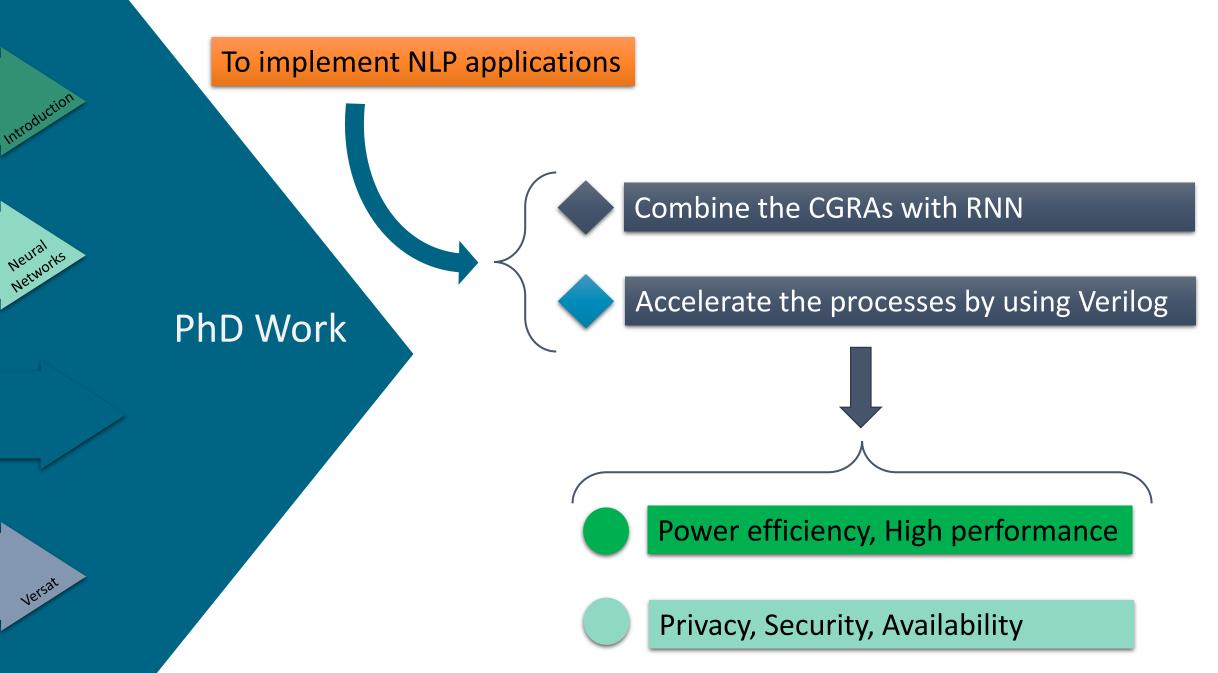
- Used for: Used for: Learn independently and undertake tasks with little supervision

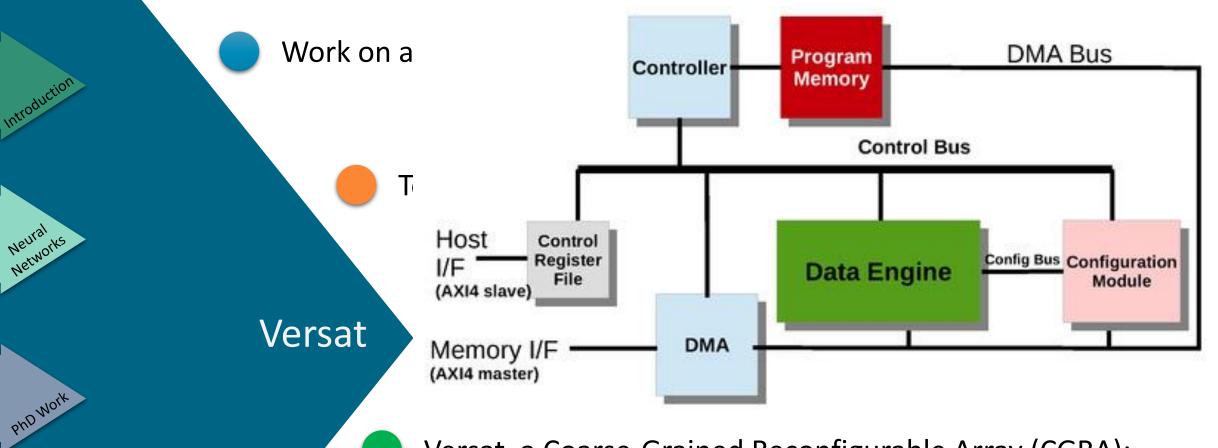
Deep learning is well suited for:

Neural Networks

- Computer Vision
  Speech Recognition
  Natural Language Processing
  Recommendation Engines

- RNN: 
  Feedforward Neural Networks
  Variable length sequences of inputs
  Speech Recognition





Versat, a Coarse-Grained Reconfigurable Array (CGRA):

- Self-generated partial reconfiguration
- Generates and applies myriads of on-the-fly configurations

## Thank you for your time