



## Yogesh Haribhau Kulkarni

Principal Architect (CTO Office, Icertis) | PhD in Geometric Modeling | Google Developer Expert (Machine Learning) | Rasa Hero (Conversational AI) | Neo4j Ninja (Graph Data Science) | Mentor (Mid-career Transition)

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**Yogesh Haribhau Kulkarni** • You

Principal Architect (CTO Office, Icertis) | PhD in Geometric Modeling | Google Devel...

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Research project "MidcurveNN" is a blend of my PhD research in geometric modeling and recent advances of Artificial Intelligence techniques. Specifically, its about, given a profile shape, how the neural network learns to compute the corresponding Midcurve.

I had created a dataset for the project, which has been made public at Kaggle now.

<https://lnkd.in/dEZ4C6M>

Also published a noteboook to demonstrate how to use the dataset.

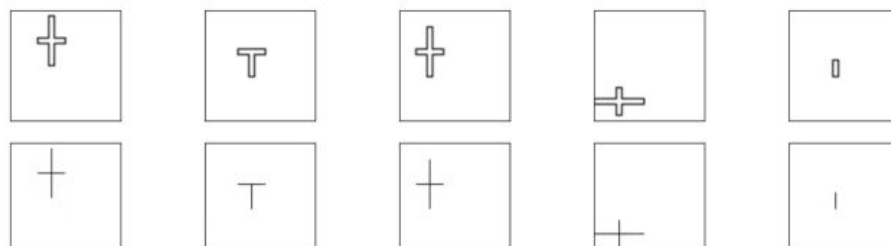
<https://lnkd.in/dAniZrx>

Hope, those who are interested in this uncommon intersection of geometric modeling and deep learning, can take advantage of the both and take the research further. Would be happy to collaborate/guide/contribute.

More info:

- Github: <https://lnkd.in/fpsNT2P>
- Extended Abstract: <https://lnkd.in/d9JZjsx>
- Talk : <https://lnkd.in/dQPJbWd>

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[Yogesh Kulkarni](#) this skeleton is also applied in the film domain.

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[Yogesh Kulkarni](#) wow, thanks for sharing Yogesh!

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**Amar Kumar** • 1st

MLAI | NLP | Researcher | Data Science Leader

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Thank you Yogesh for making it public



Co-Founder at D10X

Thanks for sharing it.

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**Pavan Kumar Singh** • 1st

Data Scientist | AI | NLP | Deep Learning

Interesting work...in geometry

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Nice work, starred your GitHub

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