

Faculty Name:

Cédric Jozs

Faculty Email:

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Lab:

None

Project Title:

Sharpness aware minimization

Description:

This project concerns a variant of the gradient method called sharpness aware minimization proposed in 2021. Its purpose is to achieve better generalization when training neural networks. The purpose of this internship is two fold. First, it is to implement the method and apply it to new examples not yet considered in the literature. The efficiency will be compared with the gradient method. Second, we seek to understand in the deterministic setting why it should reduce sharpness, and potentially at what rate.

Location of Research:

On Site

of hrs/week:

40

Department/Program:

Industrial Engineering & Operations Research

Eligibility:

BS, First Year, BS, Second Year, BS, Third Year, BS, Fourth Year

To apply, please contact:

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