

# Research Projects



- Analysis: optimal transport, harmonic analysis, approximation theory
  - Graph Theory: semisupervised learning, signal processing, applications to geography
  - Image Processing: segmentation, anomaly and change detection, dimension reduction
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- Undergraduates: 2<sup>nd</sup> and 3<sup>rd</sup> years with MATH 135/136, MATH 165/166, CS 11
  - PhD students: background in analysis, probability and statistics, linear algebra, coding

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