

Stanford



Charles A Kantor

Masters Student in Computational and Mathematical Engineering, admitted Autumn 2021

Bio

BIO

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Current: ICME Graduate & GSB Venture Resident

Interests: DeFi, Web3

HONORS AND AWARDS

- INFORMS Research Award, INFORMS, Institute for Operations Research (2021)
- Tech Award, Unesco, VivaTech Summit (2021)
- MIT Research Award in AI, Massachusetts Institute of Technology (MIT) (2021)
- Advancing Technology for Humanity Prize, IEEE Research Institute (2020)
- Tech for Good Award, French Government (2020)

PROFESSIONAL AFFILIATIONS AND ACTIVITIES

- Teaching Assistant, Stanford University, Department of Mathematics, School of Humanities & Sciences (2021 - present)
- Fellow, Threshold Ventures (2021 - present)

LINKS

- Teaching: <https://explorecourses.stanford.edu/instructor/ckantor>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

DeFi/Dapps/DAOs, Deep Learning & Data-Centric AI, Computer Vision, Mathematics

Publications

PUBLICATIONS

- **Over-MAP: Structural Attention Mechanism and Automated Semantic Segmentation Ensembled for Uncertainty Prediction**
Kantor, C. A., Boussioux, L., Rauby, B., Talbot, H., Assoc Advancement Artificial Intelligence
ASSOC ADVANCEMENT ARTIFICIAL INTELLIGENCE.2021: 15316-15322

- **Gradient-Based Localization and Spatial Attention for Confidence Measure in Fine-Grained Recognition using Deep Neural Networks**
Kantor, C. A., Boussioux, L., Rauby, B., Talbot, H., Assoc Advancement Artificial Intelligence
ASSOC ADVANCEMENT ARTIFICIAL INTELLIGENCE.2021: 15807-15808