

Andrew Estornell

PHD STUDENT · COMPUTER SCIENCE

Washington University in Saint Louis

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Education

Washington University in Saint Louis

PHD COMPUTER SCIENCE

- Advisor: Yevgeniy Vorobeychik
- Advisor: Sanmay Das

Saint Louis Missouri

2019 - present

Publications

PUBLISHED

- [1] Andrew Estornell, Sanmay Das, Yevgeniy Vorobeychik. Incentivizing Truthfulness Through Audits in Strategic Classification. Conference on Artificial Intelligence (AAAI) 2021.
- [2] Andrew Estornell, Sanmay Das, Edith Elkind, Yevgeniy Vorobeychik. Election Control by Manipulating Issue Significance. Conference on Uncertainty in Artificial Intelligence (UAI) 2020.
- [3] Andrew Estornell, Sanmay Das, Yevgeniy Vorobeychik. Deception Through Half-Truths. Conference on Artificial Intelligence (AAAI) 2020.
- [4] Andrew Estornell, Zachary Cline, Chelsea Walton, Matthew Wynne. PBW Deformations of Quadratic Monomial Algebras. Communications in Algebra 2019.
- [5] Junlin Wu, Andrew Estornell, Lecheng Kong, Yevgeniy Vorobeychik. Manipulating Elections by Changing Voter Perceptions. International Joint Conference on Artificial Intelligence (IJCAI) 2022

IN REVIEW

- [6] Andrew Estornell, Sanmay Das, Yang Liu, Yevgeniy Vorobeychik, 2022. Unfairness Despite Awareness: Group-Fair Classification with Strategic Agents
- [7] Andrew Estornell, Sanmay Das, Patrick Fowler, Brendan Juba, Pauline Kim, Yevgeniy Vorobeychik 2022. Individual Impacts of Group Fairness in Machine Learning.

IN PREP

- [8] Andrew Estornell, Sanmay Das, Brendan Juba, Yevgeniy Vorobeychik, 2022. Popularizing Fairness: Group Fairness and Individual Welfare

Presentations

CONTRIBUTED PRESENTATIONS

- Presented “Unfairness Despite Awareness: Group-Fair Classification with Strategic Agents” at LSA (AAMAS workshop), 2022.
- Presented “Unfairness Despite Awareness: Group-Fair Classification with Strategic Agents” at StratML (NeurIPS workshop), 2021.
- Presented “Incentivizing Truthfulness Through Audits in Strategic Classification” at AAAI, 2021.
- Presented “Election Control by Manipulating Issue Significance” at UAI, 2020.
- Presented “Deception Through Half-Truths” at AAAI, 2020.

Teaching Experience _____

Spring
2022 **Adversarial AI (CSE.555T)**, Teaching Assistant

*Washington
University in
Saint Louis*

Outreach & Professional Development _____

PEER REVIEW

ICML: 2022
FAccT: 2022
KAIS: 2022
AAAI: 2022, 2021, 2020
LSA: 2022
AAMAS: 2022
NeurIPS: 2021, 2020
AASG: 2021
UAI: 2020