

# Stanford

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## Brian Axelrod

Ph.D. Student in Computer Science, admitted Autumn 2017

### Publications

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#### PUBLICATIONS

- **Near-optimal Approximate Discrete and Continuous Submodular Function Minimization**

Axelrod, B., Liu, Y. P., Sidford, A., ACM

ASSOC COMPUTING MACHINERY.2020: 837–53

- **A Polynomial Time Algorithm for Log-Concave Maximum Likelihood via Locally Exponential Families**

Axelrod, B., Diakonikolas, I., Sidiropoulos, A., Stewart, A., Valiant, G., Wallach, H., Larochelle, H., Beygelzimer, A., d'Alche-Buc, F., Fox, E., Garnett, R.

NEURAL INFORMATION PROCESSING SYSTEMS (NIPS).2019

- **Provably safe robot navigation with obstacle uncertainty** *INTERNATIONAL JOURNAL OF ROBOTICS RESEARCH*

Axelrod, B., Kaelbling, L., Lozano-Perez, T.

2018; 37 (13-14): 1760–74

- **Reducing FPGA Algorithm Area by Avoiding Redundant Computation** *2015 IEEE INTERNATIONAL CONFERENCE ON ROBOTICS AND AUTOMATION (ICRA)*

Axelrod, B., Laverne, M.

2015: 503-508