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MICHAEL WANG

EDUCATION

Georgia Institute of Technology, Atlanta – *Bachelor's Degree*

Graduating May 2019

- Majors: Operations Research and Computer Science (3.97/4.0 GPA)

RESEARCH

Evidence for long-timescale patterns of synaptic inputs in CA1 of awake behaving mice – Kolb, I., Franzesi, G. T., Wang, M., Kodandaramaiah, S. B., Forest, C. R., Boyden, E. S., & Singer, A. C. *Journal of Neuroscience* 2018 38(7), 1821-1834.

Fairness in the Face of Uncertainty – with Swati Gupta. NIPS Workshop on Ethical, Social and Governance Issues in AI (2018)

EXPERIENCE

Two Sigma, New York City – *Software Engineering Intern*

May 2018 – Aug 2018

- Platform Engineering Team in Two Sigma Insurance Quantified
- Built a system for automated anomaly detection of system logs
- Tools: AWS services, Terraform, and Python

Dropbox, San Francisco – *Software Engineering Intern*

May 2017 – Aug 2017

- Marketing Platform Team
- Built service for creating dynamic marketing campaigns
- Tools: Python, React, and TypeScript

TEACHING

ISYE 4133: Advanced Optimization – *Teaching Assistant*

Aug 2018 – Present

- Covers theory and algorithms for linear, integer, and some convex optimization

CS 2200: Systems and Networks – *Teaching Assistant*

Aug 2017 – May 2018

- Covers introductory computer systems topics such as caching, multiprocessing, and computer architecture