Tianhu (Tony) Chen

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github

Education

2016 - present	**Boston College** Psychology B.A, Mathematics B.A, Computer Science (minor) GPA : 3.93

Research Experience

2019-Present

Laboratory for Neural Computation and Cognition

- Developed and implemented approximate bayesian computation methods for Drift Diffusion Models

2017-Present

Language Learning Lab

- Developed computational models of second language acquisition
- Helped formulate a nonparametric bayesian method for hypothesis testing of lifespan curves

2018-2019

Momeni Lab

- Implemented and applied convolutional neural networks to predict species coexistence
- Applied network analysis tools to analyze simulations of microbial community dynamics

Publications

JOURNAL ARTICLES

SUBMITTED

Chen, Tianhu, and Harthshorne, Joshua. *Revisiting a Critical Period for Syntax in a Second Language.*

In Preparation

Fengler, Alexander, **Chen, Tianhu**, Frank, Michael J. *ABC-NN: Approximate Bayesian Computation with Neural Networks to Learn Likelihood Functions.*

Hartshorne, Joshua, Ades, Will, **Chen, Tianhu**, Duquette, Rachel, and Kocen, David. *A Nonparametric Bayesian Approach for Comparing Lifespan Curves.*

Conference Abstracts

Talks

2019   **Chen, Tianhu**, and Hartshorne, Joshua. *Revisitng a Critical Period for Syntax in a Second Language: New Analyses Provide the Same Results.* The 32nd CUNY Conference on Human Sentence Processing.

Posters

2019   **Chen, Tianhu**, and Hartshorne, Joshua. *More Evidence that the Critical Period for Syntax Ends at 17.* The 44th Boston University Conference on Language Development.

2019   **Chen, Tianhu**, and Hartshorne, Joshua. *Revisiting a Critical Period for Syntax in L2 Acquisition.* Psychology Undergraduate Research Conference, Boston College.

Teaching

Summer 2019   Teaching Assistant, Psychoactive Drugs, Brown University

Membership

Member, Psi Chi

Member, Nu Rho Psi