

TONY (TIANHU) CHEN

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140 Commonwealth Avenue, Chestnut Hill, MA

EDUCATION

Boston College (Honors Program)

Psychology B.S, Mathematics B.A, Computer Science (minor)

August 2016 - Present

Overall GPA: 3.93/4

RESEARCH EXPERIENCE

Language Learning Lab

Undergraduate Research

August 2017 - Present

- Developed and extended computational models for second language acquisition
- Applied Psychometric methods for test calibration and development
- Developing Bayesian methods for lifespan curve hypothesis testing

Momeni Lab

Undergraduate Research

August 2018 - Present

- Conducted simulation studies and network analyses of ecological communities
- Development of convolutional neural networks for predicting species coexistence in communities

OTHER WORK EXPERIENCE

William W. Martin, PHD (Clinical Psychologist)

Administrative Assistant

June 2017 - August 2017

- Shadowed the clinician, transcribed patient files, and managed office expenses.

KOA Corporation

Data Collector

June 2015 - August 2015, June 2016 - August 2016

- Assisted with data collection for projects in Westminster, Yorba Linda, and Santa Ana.

ACADEMIC AWARDS AND HONORS

Psi Chi

BC Psychology Honors Program

Nu Rho Psi

Deans List (5 semesters)

PUBLICATIONS

In Preparation

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

CONFERENCE PRESENTATIONS AND TALKS

Accepted

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

TECHNICAL SKILLS

Programming Languages	MATLAB, R, Python, Java, Stan
Libraries and Frameworks	Numpy, Scipy, PyTorch, Tidyverse, Pyro.ai
Software	Jupyter, Git, LaTeX, RStudio