ERIN
BUGBEE

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Erin Bugbee 🔗
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EDUCATION

Ph.D. Student, Behavioral Decision Research | Carnegie Mellon University
STARTING AUGUST 2020
Planning to pursue Master of Science in Machine Learning en route to Ph.D.

Sc.B. Candidate with Honors, Statistics | Brown University
SEPTEMBER 2016 – MAY 2020
A.B. Candidate, Behavioral Decision Sciences| Brown University
SEPTEMBER 2016 – MAY 2020
Specialization in Human and Machine Learning, GPA: 3.96/4.0

INDUSTRY EXPERIENCE

Sales Analytics & Insights Intern | The Walt Disney Company
SUMMER 2019
Explore Microsoft Intern, Cloud + AI | Microsoft
SUMMER 2018

RESEARCH AND PUBLICATIONS

Sloman Lab | Brown Department of Cognitive, Linguistic, and Psychological Sciences
Investigating trust in humans and machines to anticipate and understand the future of work.

Learning, Memory, and Decision Lab | Carney Institute for Brain Science
Reinforcement learning in dynamic environments, computational cognitive neuroscience.

Institute for Computational and Experimental Research in Mathematics
Topological data analysis and music information retrieval with machine learning.

"SE and S_NL Diagrams: Flexible Data Structures for MIR." Peer-reviewed paper for the 19th Proceedings of the International Society for Music Information Retrieval Conference, 2018.

"SuPP and MaPP: Novel MIR Data Structures Inspired by Topological Data Analysis." Lightly peer-reviewed late-breaking session of the ISMIR 2018. Co-first author.

RELEVANT COURSEWORK

Language Processing in Humans and Machines, Computing as Done in Brains and Computers, Artificial Intelligence, Statistical Inference I and II, Econometrics, Making Decisions, Econometrics, Applied Regression Analysis, Statistical Programming with R, Operations Research: Probabilistic Models, Computational Cognitive Neuroscience, Data Structures and Algorithms, Human Cognition

TEACHING

- **NEUR 1660:** Neural Computations in Learning and Decision Making
- **CS 100:** Data Fluency for All (TA and Head TA)
- **CS 1951a:** Data Science
- **APMA 1655:** Statistical Inference
- **PHP 1501:** Essentials of Data Analysis
- **CLPS 0220:** Making Decisions

AWARDS

Brown Data Science Fellow

Class of '81 UTAship for Women in CS, Bob Petrocelli Head Undergraduate TAship for Fall 2019

Disney Data & Analytics Women Scholarship Recipient

ACTIVITIES

- Brown Data Science Club President
- Statistics Departmental Undergraduate Group (DUG) Leader
- Copy-editor for the Brown Daily Herald
- Science Tour Guide
- American Statistical Association
- Diversity & Inclusion Committee Undergraduate Representative for the Center for Statistical Sciences and Department of Biostatistics

SKILLS

Programming Languages: R, Python, MATLAB, SQL, Java, STATA, HTML, CSS, Javascript

IDEs and Develop Tools: RStudio, PyCharm, Jupyter

Data Visualization: Shiny, Tableau