

Maggie von Ebers

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EDUCATION

The University of Texas at Austin

Expected May 2024

Austin, TX

Master of Science in Computer Science, Minor in Neuroscience

Texas A&M University

May 2020

College Station, TX

Bachelor of Science in Computer Science, Minor in Mathematics

RELEVANT EXPERIENCE

Dell Technologies

August 2020 - June 2022

Austin, TX

Software Engineer

- Built features for the Data Pipeline team, providing a real-time system of updating the Dell.com sales website through Kafka messaging queues
- Designed an ASP Core API used to refresh content such as deals and product information with speed and accuracy
- Designed and implemented a fault-tolerant message scheduling application using Quartz.NET and Cassandra

Sandia National Laboratories

May 2019 - August 2019

Albuquerque, NM

Research & Development Intern

- Built an energy-efficient, secure, and fast high-performance computing cluster using compact computers for remote worksites
- Implemented and managed Elasticsearch clusters, utilized Kibana's machine learning and visualization components to monitor Sandia's internal microservices

Neuroscience Lab - Texas A&M

February 2018 - September 2018

Bryan, TX

Assistant Researcher

- Applied image processing techniques in MATLAB and Python to identify distinct structures of rat brains in order to facilitate lab operations under Dr. Sun Wong
- Led weekly meetings to present progress and to collaborate with neuroscientists in the lab

PUBLICATIONS

von Ebers M, Haque Nirjhar E, H. Behzadan A, Chaspari T 2020, '**Predicting the Effectiveness of Systematic Desensitization Through Virtual Reality for Mitigating Public Speaking Anxiety**' *ICMI 2020: ACM International Conference on Multimodal Interaction*, Utrecht, the Netherlands, October 25-29 (<https://youtu.be/4p4tXSkBAK8>)

SKILLS

- **Programming Languages:** Python, C#, C++, MATLAB
- **Technologies:** Git, CI/CD, .NET framework, Kafka, Pandas, PyTorch, Splunk, ELK stack, SQL, Cassandra

RELEVANT COURSEWORK

Fall 2022

- CS 394N Neural Networks
- PSY 387S Introduction to Cognitive Neuroscience
- CS 388G Algorithms: Techniques and Theory

Spring 2023 (Current)

- CS 378 Natural Language Processing
- CS 391L Machine Learning
- NEU 383T Principles of Neuroscience II