

Leah Chandy

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Plano, TX 75094
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RESEARCH INTERESTS

Utilizing machine learning algorithms to find the trends in medical data, which can be used to study the causes and potential treatments for neurogenetic diseases

EDUCATION

M.S. in Applied Cognition and Neuroscience
Specialization in Intelligent Systems and Computational Modeling
Aug. 2019 - present
Anticipated Graduation: May 2021
GPA: 4.00

B.S. in Cognitive Science with Specializations in AI/Computational Modeling and Cognitive Neuroscience
Minor in Computer Science
Aug. 2017 - May 2020
GPA: 3.86

Plano East Senior High School, Plano, TX
International Baccalaureate Diploma Recipient
Aug. 2013 - Jun. 2017
GPA: 4.31

RELEVANT COURSES

Neural Net Math
Intelligent Systems Analysis
Intelligent Systems Design
Cellular Neuroscience
Molecular Neuroscience
Systems Neuroscience
Neurophysiology

RESEARCH EXPERIENCE

Pain Neurobiology Research Group
Aug. 2018 - present
Research Assistant in the Computational Neuroscience branch
Independently troubleshooting a toolkit that uses C programs to process ribosome footprinting data (DNA of 23 mouse chromosomes) to locate open reading frames

WORK EXPERIENCE

Oncor Electric Delivery
May 2020-present
Financial Governance and Digital Performance Intern

Utilizing machine learning algorithms to categorize invoices based on format, automating financial processes such as invoice verification and contract labor report creation

**TECHNICAL
SKILLS**

Programming Languages: Python, MATLAB, C, C++, Java
Operating Systems: Linux, Windows
Applications: MATLAB, Microsoft Excel, Microsoft PowerPoint, Microsoft Word

SCHOLARSHIPS

The University of Texas at Dallas, Richardson, TX
Academic Excellence Scholarship Recipient
Aug. 2017-present

HONORS

The University of Texas at Dallas, Richardson, TX
University Honors: Magna Cum Laude
May 2020

ACTIVITIES

Comet Cupboard volunteer Jan. 2018 - Mar. 2020
A donation based food pantry for University of Texas at Dallas students
Primary duties: collaborating with other volunteers, interacting with customers, keeping track of inventory, giving customers tours if they are newcomers

Sunday School teacher Aug. 2017-present
Primary duties: formulating lesson plans, conducting structured lessons, administering midterm and final exams, considering students' individual needs