

Mason Lary

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- Education**
- SUNY Buffalo**, Buffalo, New York
PhD in Computer Science Aug 2022 - Present
 - UT Arlington**, Arlington, Texas
M.S. in Computer Science May 2022
 - Rice University**, Houston, Texas
B.S. in Computer Science May 2019
- Conferences**
- Purdue Data Week 2021** Nov 2021
Neural Network Analogs for Rat Brains
 - Presented a short talk on an ongoing research project
 - Received first place in the short talks category
- Experience**
- Air Force Research Laboratory** Jun 2021 – Aug 2022
AFRL Scholar
 - Worked with a mentor on original, cutting edge neural network research
 - Enhanced research skills such as evaluation of reference papers
 - Nominated as an Outstanding Intern
 - Presented results to 20+ researchers
 - Wyzant** July 2016 – Present
Private Tutor/Teacher
 - Computer Science, Math, and Science Tutor
 - Tutored 40+ students ranging from Elementary to College level
 - 25+ hours worked per week while enrolled full time in school
 - Learn2Code** May 2019 – May 2021
Curriculum Development Lead
 - Wrote curriculum for 3 private school Computer Science programs
 - Curriculum developer for the FBISD community education program
 - Worked on a 9 year Computer Science curriculum to be sold to schools
 - MRE Consulting** June 2019 – Jul 2020
Analyst
 - Worked with PG&E to support and update their commodity trading tools
 - Developed data transformation tools for the Houston Zoo
 - In charge of trading tool documentation for new graduate hires
 - Infosys** May 2018 – Aug 2018
Computer Vision/Machine Learning Intern
 - Performed research on state of the art machine and deep learning techniques
 - Developed a vision system and testing suite for a solar panel cleaning robot
 - Created an automated data generation tool for training CNNs
 - 3rd place winner in an original research competition at Infosys
 - University of Houston Downtown**
Computer Science and Engineering Instructor June 2016 – July 2017
 - Taught 12 technology classes involving programming, game design, 3D animation, and building computers
 - Worked with 200+ students over 2 summers
 - Developed full curriculum for 8 classes including Java, C, and Unity courses targeted at students 10-17 years old
 - Collaborated with other teachers in order to successfully convey subjects
 - Techno Chaos**
Programming Lead/Manager June 2014 – Nov 2015
 - Designed and taught technology classes for children, involving topics such as programming, 3D printing, and robotics
 - Worked with 200+ students in classes and individual projects
 - Programmed company projects, such as a 3D interactive tour for the Sugar Land Heritage Foundation