

# Hemanth Karnati

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## EDUCATION

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The University of Texas at Austin, Austin, TX

May 2022

Bachelor of Science in Neuroscience

- GPA: 3.64
- Certification in Scientific Computation and Data Sciences; 3 hours completed

Relevant Coursework:

- Matrices and Matrix Calculations
- Neural Systems 1
- Neural Systems 2
- Biostatistics
- Neuroscience Data Analysis in Python
- Animal Behaviour
- Computational biology
- Intro to Scientific Programming

## PROJECTS

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Research, Cummings Laboratory (Freshman Research Initiative)

January/2019- Present

- researched the behavior and cognition of zebrafish and *Gambusia Affinis*.
- learned to handle fish in order to run behavioral trials with them
- compile data regarding behavior and movement patterns using Cowlog
- analyze and present data using R
- wrote a scientific paper describing the experiment and its results
- Professor: Mary Ramsay

## SKILLS

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- Proficient in Microsoft Word, Microsoft Excel, Sql, Matlab, and R

- Fluent in English, Spanish and Telugu
- Introduction to Clinical Data Science by University of Colorado System on Coursera. Certificate earned at Tuesday, August 27, 2019 7:47 PM GMT

### **HONORS AND AWARDS (If applicable/Optional)**

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- Texas Distinguished graduate