

Robin Ronson

robinronson.com | fb.co/dd
737.210.2279 | robin.ronson@ttu.edu

EDUCATION

TEXAS TECH UNIVERSITY

BS in Computer Science
December 2018 | Lubbock, TX
College of Engineering
Cum. GPA: 3.9 / 4.0

UNITED INDIAN SCHOOL

Grad. May 2014 | Jleeb
Al-Shuyoukh, Kuwait

LINKS

Github:// [robrons](#)
LinkedIn:// [robinronson](#)
Portfolio:// [robrons.github.io](#)

COURSEWORK

UNDERGRADUATE

Structures and Algorithms Operating
Systems

Intro. to Artificial Intelligence

Bioinformatics

(Research Asst.)

SKILLS

PROGRAMMING

Proficient:

Java • Python • CSS • HTML

Familiar:

C • C++ • Assembly • JavaScript

Frameworks and tools:

iOS • Android • MySQL • ReactJS •

Answer Set Programming • MySQL

EXPERIENCE

TEXAS TECH HPCC | Software Engineer

Jan 2018 - Present | Lubbock, TX

RESEARCH

TTU BIOLOGICAL SCIENCES DEPARTMENT | Researcher

May 2017 – Present | Lubbock, TX

Working with Prof. Amanda M.V. Brown to create **DNAngher**, a tool which learns from large scale user preference feedback to plan robot trajectories in human environments.

PROJECTS

FREEZE-B-GONE

Implemented K-means clustering algorithm in MATLAB to compress an image by reducing its color count to 16 by computing colors as cluster centroids and replacing each pixel with its nearest cluster centroid color.

K-MEANS

implemented k-means clustering algorithm in matlab to compress an image by reducing its color count to 16 by computing colors as cluster centroids and replacing each pixel with its nearest cluster centroid color.

DATABASE PROJECT

implemented k-means clustering algorithm in matlab to compress an image by reducing its color count to 16 by computing colors as cluster centroids and replacing each pixel with its nearest cluster centroid color.

SELF-DRIVING SIMULATION

implemented k-means clustering algorithm in matlab to compress an image by reducing its color count to 16 by computing colors as cluster centroids and replacing each pixel with its nearest cluster centroid color.