

Last Updated: Sep. 2021

Several successful collaborations

Active learner and listener
Emotional intelligence
Communication

Proven track record of applying data science to biology and omics data
Image analysis/processing

Designing/directing data science & machine learning courses

Directed insights using data science
Mathematical & statistical modeling
Visualization

Software development
Bioinformatics pipeline development
NGS analysis/processing

Assistant Professor
New York University
Nov. 2013-Aug. 2019

Associate Professor & Director
UT MD Anderson Cancer Center
Feb. 2020-Present

Research Fellow/Associate
Memorial Sloan-Kettering Cancer Center
Apr. 2011-Oct. 2013

Research Specialist/Associate
Stowers Institute for Medical Research/ Pennsylvania State University
Jan. 2008-Aug. 2010/Sep. 2010-Mar. 2011

Internship
Knowledge Based Systems, Inc.
Jan. 2007-Dec. 2007

Doctor of Philosophy
Computer Science (PhD)
Texas A&M University
Aug. 2008

Master of Science
Mathematics (MS.)
Texas A&M University
Apr. 2002

Bachelor of Science
Mathematics (BSc.)
University of Madras
Apr. 1998

Master of Science
Mathematics (MSc.)
IIT, Madras
Apr. 2000

Resume

Data science (14 years)
Machine learning
Several bioinformatics tools
Implementation skills
R/Python/Other
Strong Unix skills
Image analysis
Statistics, Mathematics
Academic research
Top publications

skills

directed efforts

self-motivation

creativity

work experience

acquired credentials

education

Kasthuri Kannan

Directing Computational Pathology & Systems Biology Initiatives at UT MDACC