

Last Updated: Dec. 2020

Software development
Bioinformatics pipeline
development
NGS analysis/processing

Several successful collaborations

Active learner and listener
Emotional intelligence
Communication

directed efforts

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

self- motivation

Designing/directing data science
& machine learning courses

creativity

Directed insights using data science
Mathematical & statistical modeling
Visualization

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

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

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

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

work experience

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

education

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

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

Kasthuri Kannan

Directing Computational Pathology
& Systems Biology Initiatives at UT
MDACC