

Jean Feng

Address: Box 357232, Department of Biostatistics, University of Washington, Seattle, WA 98195-7232

Email: jeanfeng@u.washington.eduWebsite: <http://students.washington.edu/jeanfeng/>**Education**

Ph.D. in Biostatistics , University of Washington, Seattle Ph.D. Advisor: Dr. Noah Simon	09/2015 – Present
MS in Computer Science , Stanford University Concentration: Artificial Intelligence	01/2012 – 09/2013
BS in Computer Science , Stanford University Concentration: Artificial Intelligence	09/2009 – 09/2013

Research Experience

Biostatistics, University of Washington Research Assistant Supervisor: Dr. Noah Simon	06/2015 – Present
Computational Biology, Fred Hutch Cancer Research Center Research Assistant Supervisor: Dr. Erick Matsen	12/2016 – Present
Tumor Vaccine Group, University of Washington Research Assistant Supervisor: Dr. Nora Disis	09/2015 – Present
Stanford Natural Language Processing Lab Recursive Neural Networks for Word Feature Learning Supervisor: Dr. Andrew Ng and Dr. Richard Socher	Sep 2011
Stanford Artificial Intelligence Lab Mobile Computing Backpack for Pedestrian Detection via Convolutional Neural Networks Supervisor: Dr. Andrew Ng and Dr. Morgan Quigley	June 2011
Local Whitening of Image Data Supervisor: Dr. Andrew Ng and Dr. Quoc Le	Dec 2010

Teaching Experience

Guest Lecturer Biostat 561: Computational Skills for Biostatistics I Supervised by Amy Willis	Fall 2017
Teaching Assistant University of Washington Summer Institute in Statistics for Big Data Unsupervised Methods for Statistical Machine Learning (2.5-day short course) Supervised by Genevera Allen and Yufeng Liu	July 2016 and 2017
Teaching Assistant University of Washington Summer Institute in Statistics for Big Data Supervised Methods for Statistical Machine Learning (2.5-day short course) Supervised by Noah Simon and Ali Shojaie	July 2016

Work Experience

Full-stack software developer, Coursera Inc.	Sep 2012 – May 2015
Software Programming Internship, Bloomreach Inc.	Summer 2012
Software Programming Internship, Apple Inc.	Summer 2010
Software Programming Internship, Palm Inc.	Summer 2009

Honors, Awards, and Scholarships

University of Washington Biostatistics Donovan J. Thompson Award for Best Combined Performance on Ph.D. Theory and Applied Qualifying Examinations	2017
Big Data for Genomics and Neuroscience Training Grant	2015 - 2017

Publications

“Gradient-based Regularization Parameter Selection for Problems with Non-smooth Penalty Functions”
Jean Feng and Noah Simon
Journal of Computational and Graphical Statistics (2017)

Workshops

“Sparse-Input Neural Networks for High-dimensional Nonparametric Regression”

Poster presentation at ICML 2017 Workshop on Principled Approaches to Deep Learning

“Haptic Belt with Pedestrian Detection”

Demonstration at Conference on Neural Information Processing Systems, 2011.

Service

Department of Biostatistics, University of Washington

Student-Faculty Committee

Sep 2016 – Present

Referee for: Journal of Computational and Graphical Statistics, Annals of Statistics