Chandan Tankala

CONTACT INFORMATION	Deady Hall 204 Department of Mathematics University of Oregon Eugene, OR 97405 USA	*E-mail:* chandant@uoregon.edu *WWW:*

RESEARCH INTERESTS

Probability theory with applications to problems from theoretical computer science and statistical physics. Focus areas include analysis of Markov chain mixing times and non-equilibrium statistical mechanics.

EDUCATION

University of Oregon, Eugene, Oregon USA

Ph.D. Candidate, Mathematics (expected graduation date: Dec 2021)
- Dissertation Topic: "Coming up"
- Advisor: David A. Levin

Texas A&M University, College Station, TX USA

M.S., Geophysics, 2012

National Institute of Technology, India

Bachelors of Technology, 2009

HONORS AND AWARDS

Coming up

PROFESSIONAL EXPERIENCE

British Petroleum, Houston, TX USA

Research scientist, Seismic imaging group **2012 - 2015**
Worked on creating and implementing seismic imaging, signal processing algorithms which include full waveform inversion, complex wavelet transform, stochastic gradient descent among others.

Intern, Geohazards team **May - Aug, 2011**
Worked on 4D seismic data analysis to characterize potential hazards.

PUBLICATIONS

Coming up

PAPERS IN PREPARATION

Coming up

COMPUTER SKILLS Python,R