

Han Feng | Curriculum Vitae

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Education

University of California, Berkeley *Aug 2016 - Present*
Ph.D. Student in Industrial Engineering and Operational Research

University of Science and Technology of China (USTC) *Sep 2012 - Jun 2016*
B.S. in Mathematics and Applied Mathematics (GPA 4.0/4.3)

Research Experience

National Undergraduate Training Program for Innovation *Jul 2014- May 2015*
Construction of closed minimal surface with finite conical points in \mathbb{R}^3 Prof. Bin Xu
Prof. Xisheng Luo

- Presentations on global analytic functions and hypergeometric equations
- Presentations on Weierstrass Representation and theories of explicit minimal surface in \mathbb{R}^3
- Presentations on Fluid Mechanics and Richtmyer-Meshkov instability

Research Internship Project at the University of Birmingham *Jul 2015- Aug 2015*
Development of real-time imaging capabilities for Diffuse Optical Imaging (DOI) of the human brain Dr. Hamid Dehghani

- Implement Python packages for the NIRFAST software
- Calculate the forward model and the jacobian of Diffusion Approximation to the Radiative Transport Equation
- Multi-thread Cython interface to existing C code

Teaching Experience

Teaching Assistant
Mathematical Analysis (B1) *USTC, Fall 2015*

Honors and Awards

2014: China Undergraduate Mathematical Contest in Modeling: First Prize(National)
2013: National Scholarship

Technical Skills

Languages: C++, Python & Cython, Julia, Shell, \LaTeX
Tools: Matlab, Mathematica, Vim