

# YIHAO FENG

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## EDUCATION

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**Dartmouth College**, Hanover, NH, USA

Sept.2016 – 2021(Expected)

*Ph.D Candidate* in Computer Science

Adviser: Prof.Qiang Liu

**Beihang University (BUAA)**, Beijing, China

Aug.2012 –Jul.2016

*B.E.* in Software Engineering

Rank: 4 / 134 Overall GPA:89.89 / 100 (Major GPA:91.43 / 100)

## PROGRAMMING SKILLS

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- Programming Languages: C / C++, Java, C#, Python, R, Latex, PHP, JavaScript
- Scientific Software: Matlab, Mathematics, Weka, Torch, Tensorflow, CUDA, LightSide
- System: Ubuntu, Centos, MacOS, Windows, Linux Shell
- Area of Interests: Machine Learning, Probabilistic Graphical Models, Statistical Inference, Data Mining

## EXPERIENCE & RESEARCH

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**Database Group**, National University of Singapore, Singapore

April.2016 – Present

*Research Intern* Adviser: Prof.Anthony K. H. Tung

**Research Topic:** Images Clustering Acceleration with GPU

**ArticuLab**, Carnegie Mellon University, USA

Jul.2015 – Sept.2015

*Summer Research Intern* Adviser: Prof.Justine Cassell & Dr.Alexandros Papangelis

**Research Topic:** Modeling rapport in human conversations

**State Key Laboratory of Machine Perception**, Peking University, China

Oct.2014 – April.2016

*Undergraduate Research Assistant* Adviser: Prof.Guojie Song

**Research Topic:** Inferring social relations among users in mobile social network

**Mathematical Modeling & Algorithms Laboratory**, University of Tsukuba, Japan

Jul.2014

*Academic Visitor* Adviser: Dr.Yasuyuki Maeda

**Research Topic:** Basic research realization in Image Recognition

**Mobile & Big Data Department**, Zhiquan.Inc, China

Feb.2015-Jun.2015

*Software Engineer* Adviser: Dr.Yun Lu

**Project:**Zhiquan Android App Platform

## HONORS AND AWARDS

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- National Scholarship For Excellent Academic Performance (Top **2%**) Sept.2013
- National Endeavor Scholarship (Top **5%**) Sept.2014
- Excellent Student, Beihang University(Top **5%**, continued 2 years) Sept.2012-Sept.2014
- *1<sup>st</sup> Prize of Beijing*, China Undergraduate Mathematical Contest in Modeling Sept.2014
- *Meritorious winner*, Mathematical Contest in Modeling (Top **13%**) Apr.2015

## MISCELLANEOUS

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- **Personal Website:** <http://lewiskit.github.io>
- **Github:** <https://github.com/lewisKit>