

# 赵 达

Da Zhao



## 联系方式 CONTACTS

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https://zhaoda.org

## 经历 EXPERIENCE

### 助教 TA

- 图与网络 Graphs & Net. 16-17
- 概率论 Probability Theory 17-18
- 线性代数 Linear Algebra 18-20
- 编码与密码 Coding & Crypt. 20

### 国际生家教 TUTOR

- 数学 Math. • 物理 Physics

## 技能 SKILLS

- 数学 Math. • 编程 Prog. • 驾驶 Driving • 英语 English

## 兴趣 INTERESTS

- 科幻 Sci-fi • 解谜 Puzzle

## 教育背景

上海交通大学 | SHANGHAI JIAO TONG UNIVERSITY  
2016/09 – 2021/06 est. | School of Mathematical Sciences

- 数学科学学院

上海交通大学 | SHANGHAI JIAO TONG UNIVERSITY  
2013/09 – 2016/06 | Zhiyuan College

- 致远学院

2012/09 – 2013/06 | School of EIEE

- 电子信息与电气工程学院

牛津大学 | OXFORD UNIVERSITY  
2014/07 – 2014/08 | Hertford College

- 赫特福德学院

上海市上海中学 | SHANGHAI HIGH SCHOOL  
2009/09 – 2012/06

## 获奖记录 & 荣誉

国家奖学金 本科  
National Scholarship (Bachelor)

美国大学生数学建模竞赛 Meritorious Winner  
Mathematical Contest In Modeling / Interdisciplinary Contest In Modeling

上海交通大学优秀毕业生 本科  
Outstanding Graduate of Shanghai Jiao Tong University

上海交通大学优秀毕业论文 本科  
Excellent Bachelor Thesis Award of Shanghai Jiao Tong University

优秀博士新生奖学金 博士  
Scholarship for Outstanding First-Year Graduate

数学天元“图论”研究生暑期学校 优秀学员  
Outstanding Student of Tianyuan Summer School of Graph Theory

优秀研究生奖学金 博士  
Scholarship for Outstanding Graduate Student

国家奖学金 博士  
National Scholarship (Ph.D)

## 近期论文

- Bannai, E, et al. Explicit construction of exact unitary designs arXiv:2009.11170
- Zhao, D. Classification of Partially Metric Q-Polynomial Association Schemes with  $m_1 = 4$ . Graphs Comb. (2020)
- Goryaniov, S, et al. Integral graphs obtained by dual Seidel switching. Linear Algebra Appl (2020)
- Bannai, E., Zhao, D. Spherical Embeddings of Symmetric Association Schemes in 3-Dimensional Euclidean Space. Graphs Comb. 36, 245 – 250 (2020).
- Bannai, E, et al. On the explicit constructions of certain unitary t-designs. J. Phys.A Math. Theor. 52 495301 (2019)

## EDUCATION

PH.D CANDIDATE  
Mathematics

数学

B.Sc.  
Mathematics (Honour)

数学理科实验班

Computer Science

计算机专业

EXCHANGE  
Summer School

暑期学校

## AWARDS & HONOURS

2013

2015

2016

2016

2017

2017

2018

2020

## SELECTED PAPERS