

# CHENGZHI SHI

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## EDUCATION

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**Northeastern University (Boston, MA)**

*September 2021 - Present*

PhD in Computer Engineering

GPA: 4.0/4.0

**Johns Hopkins University**

*September 2019 - May 2021*

MS in Biomedical Engineering (Math Minor)

GPA: 3.92/4.0

**Imperial College London**

*September 2018 - September 2019*

MSc in Machine Learning

Course GPA: Distinction

**Northeastern University (China)**

*October 2014 - June 2018*

BE in Automation

GPA: 91/100, Ranking: 4/266

## PUBLICATIONS

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- **C. Shi** and S. Ioannidis. Towards Closed-form Solutions of Deep Survival Analysis, in progress.
- **C. Shi**, B. Glocker, D. C. Castro. PVAE: Learning Disentangled Representations with Intrinsic Dimension via Approximated L0 Regularization, NeurIPS 2019 Workshop DC S2.
- M. Lin, K. Yuan, **C. Shi** and Y. Wang, "Path planning of mobile robot based on improved A\* algorithm," 2017 29th Chinese Control And Decision Conference (CCDC), Chongqing, China, 2017, pp. 3570-3576, doi: 10.1109/CCDC.2017.7979125.
- **C. Shi**, J. Liu and C. Miao, "Study on parking spaces analyzing and guiding system based on video," 2017 23rd International Conference on Automation and Computing (ICAC), Huddersfield, UK, 2017, pp. 1-5, doi: 10.23919/ICAC.2017.8082071.

## HONORS AND AWARDS

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- Ranked 6th in the second stage of the Neurips 2019 Disentanglement Challenge, 08/2019
- Fung Excellence Scholarship, University of California, Berkeley, 03/2019
- Outstanding Undergraduate Thesis, 06/2018
- First Class Scholarships, 11/2016, 11/2017, 11/2018
- National Scholarship, 11/2017
- Meritorious Winner, The Mathematical Contest in Modeling (MCM), USA, 04/2016

## WORK EXPERIENCE

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**Teaching assistant for EECE7205 Algorithms**

*Fall 2022*

**Teaching assistant for CS.601.675 Machine Learning**

*Spring 2021*

**Intern at Tencent Youtu Lab**

*May 2019 - August 2019*

Proposed a Variational-Inference-based method to embed face in a probabilistic way, promoting face recognition tasks.