Ying Daisy Zhuo

CONTACT INFORMATION

Interpretable AI
14th Floor, One Broadway
Cambridge, MA 02142

802-377-2516
yingdaisyzhuo@gmail.com

EDUCATION

Massachusetts Institute of Technology — Cambridge, MA

Ph.D. in Operations Research, Analytics Track — May 2018
GPA: 5.00/5.00
Advisor: Prof. Dimitris Bertsimas
Topics: Machine learning and optimization; prescriptive health analytics

Middlebury College — Middlebury, VT

B.A., Mathematics and Economics — May 2012
GPA: 3.97/4.00, Salutatorian

EXPERIENCE

Interpretable AI — Cambridge MA

Co-Founding Partner — June 2018 to Current

- Develop and maintain Interpretable AI's proprietary machine learning algorithms that deliver interpretability and state-of-the-art performance simultaneously
- Lead the development of end-to-end business solutions using Interpretable AI's technology

Analysis Group, Inc. — Boston MA

Analyst — July 2012 to May 2014

- Built cost-effectiveness models for drugs used in regulatory and reimbursement submissions
- Developed and instructed the programming language `R` training course for 200+ employees across two offices, enabling managers and associates to conduct more efficient data analysis and build more advanced models

SELECTED PUBLICATIONS

1. Bertsimas, D., Pawlowski, C., **Zhuo, Y.D.** "From predictive models to missing data imputation: an optimization approach." *Journal of Machine Learning Research*, 18(196):139, 2018.
2. Bertsimas, D., Dunn, J., Pawlowski, C., **Zhuo, Y.D.** "Robust classification." *INFORMS Journal on Optimization*, 1(1):2-34, 2018.
3. Bertsimas, D., Dunn, J., Pawlowski, C., Silberholz, J., Weinstein, A., **Zhuo, Y.D.**, Chen, E., Elfiky, A. "Applied informatics decision support tool for mortality predictions in patients with cancer." *JCO Clinical Cancer Informatics*, Published online June 7, 2018.
4. Bertsimas, D., Kallus, N., Weinstein, A., **Zhuo, Y.D.** "Personalized diabetes management using electronic medical records." *Diabetes Care*, 40(2):210-7, 2017.
5. Curme, C., **Zhuo, Y.D.**, Moat, H.S., Preis, T. "Quantifying the diversity of news around stock market moves." *Journal of Network Theory in Finance* 3(1): 1–20, 2017.

Full list available at `http://www.mit.edu/~zhuo`

ADDITIONAL

Programming: Julia, Python, R, Matlab
Foreign languages: Mandarin (native), Japanese (proficient)