

# Chih-Jen Lin

- PERSONAL DATA

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- CURRENT POSITION AND PROFESSIONAL EXPERIENCE:

1. Distinguished professor, Department of Computer Science, National Taiwan University, 2011–present  
Professor (2006–), Associate professor (2002–2006), Assistant professor (1998–2002)
2. Visiting professor, Alibaba, Hangzhou, China, June – September 2017.
3. Visiting researcher, Microsoft, January 2015 – September 2015, August 2016 – February 2017.
4. Visiting principal research scientist, eBay Research Labs, January 2012–September 2012.
5. Visiting professor, Google Research, February 2008–September 2008.
6. Visiting scientist, Yahoo! Research, August 2006–February 2007.

- EDUCATION

1. Ph.D., Industrial & Operations Engineering, University of Michigan, 1995–1998.

- RESEARCH INTERESTS AND ACCOMPLISHMENTS:

1. Machine learning: support vector machines (SVM) and large-scale data classification.  
We develop popular machine learning software including LIBSVM (<http://www.csie.ntu.edu.tw/~cjlin/libsvm>) and LIBLINEAR (<http://www.csie.ntu.edu.tw/~cjlin/liblinear>).  
According to <http://citeseerx.ist.psu.edu/stats/articles>, LIBSVM is among the **10 most cited computer science works at all time**.
2. Large-scale optimization and its applications

- PUBLICATION

- More than 100 papers in prestigious journals and conferences.
- Total citations: about 73,300 according to Google Scholar (up to November 2017); see <http://scholar.google.com/scholar?q=author:Chih-Jen+Lin>
- Best paper awards: ACM KDD 2010 and ACM RecSys 2013 (with students)

- FIVE REPRESENTATIVE PAPERS:

- [1] C.-C. Chang and C.-J. Lin, “LIBSVM: a library for support vector machines,” *ACM Transactions on Intelligent Systems and Technology*, vol. 2, no. 3, pp. 27:1–27:27, 2011.
- [2] H.-F. Yu, C.-J. Hsieh, K.-W. Chang, and C.-J. Lin, “Large linear classification when data cannot fit in memory,” in *Proceedings of the Sixteenth ACM SIGKDD International Conference on Knowledge Discovery and Data Mining*, 2010, pp. 833–842.
- [3] R.-E. Fan, K.-W. Chang, C.-J. Hsieh, X.-R. Wang, and C.-J. Lin, “LIBLINEAR: a library for large linear classification,” *Journal of Machine Learning Research*, vol. 9, pp. 1871–1874, 2008.
- [4] R.-E. Fan, P.-H. Chen, and C.-J. Lin, “Working set selection using second order information for training SVM,” *Journal of Machine Learning Research*, vol. 6, pp. 1889–1918, 2005.
- [5] C.-W. Hsu and C.-J. Lin, “A comparison of methods for multi-class support vector machines,” *IEEE Transactions on Neural Networks*, vol. 13, no. 2, pp. 415–425, 2002.

- SELECTED RECOGNITION OR AWARDS:

1. ACM fellow, 2015
2. AAAI fellow, 2014
3. Best paper award, ACM RecSys 2013 (with three students).
4. ACM distinguished scientist, 2011
5. IEEE fellow, 2011
6. Best research paper award, ACM KDD 2010 (with three students).
7. Member of the NTU team to win the first prize of KDD Cup 2010, 2011, and 2013.

- ACADEMIC SERVICES

1. Editorial Services:
  - Action Editor, *Data Mining and Knowledge Discovery*, 2009–2017
  - Associate Editor, *IEEE Transactions on Neural Networks*, 2005–2010
  - Editor board member, *ACM Trans. on Intelligent Systems and Technology*, 2012–
2. Referee for 40+ journals
3. General chair/Senior PC/PC members for several main conferences

- RECENT TALKS (2000–)

- 35+ keynote/invited talks or tutorials in international conferences
- 85+ in international research institutes
- 55+ in domestic research institutes