

# Sung-En Chang

## Curriculum Vitae

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<https://www.csie.ntu.edu.tw/~b96705045/sungen/>

## Education

Sep 2016–present

**Bachelor of Computer Science**, (GPA=3.90/4.00) School of Department of Computer Science and Information Engineering, Tamkang University, Taipei, Taiwan.

Sep 2011–June 2014

**Master of Financial and Economic Law**, (GPA=4.00/4.00), Fujen Catholic University, Taipei, Taiwan.

Sep 2007–Jul 2011

**Bachelor of Financial and Economic Law**, (GPA=3.06/4.00) Fujen Catholic University, Taipei, Taiwan.

## Working Experience

2015-present Research assistant in *National Taiwan University*.

2016-2017 Intern in Trend Micro Inc.

2014-2016 Co-founder of Turing Trademark Web Attorney

2014-2015 Lawyer at Huang and Partners Attorneys-At-Law.

2013 Research assistant of Computer-Processed Personal Data Protection Law in *Fujen Catholic University*.

## Publication

Ian E.H. Yen, Wei-Cheng Lee, **Sung-En Chang**, Arun S. Suggala, Shou-De Lin and Pradeep Ravikumar, *Latent Feature Lasso*, in *International Conference on Machine Learning (ICML)*, 2017.  
<https://www.csie.ntu.edu.tw/~b96705045/sungen/publication/LatentFeatureLasso.pdf>

Xun Zheng, **Sung-En Chang**, Venu Satuluri and Eric P.Xing, *Generalized Symmetric Matrix Factorization for Overlapping Community Detection (under review)*  
<https://www.csie.ntu.edu.tw/~b96705045/sungen/papers/GraphFactorization.pdf>

Ian E.H. Yen, Wei-Cheng Lee, **Sung-En Chang**, Shou-De Lin and Pradeep Ravikumar, *Mix Lasso: Generalized Mixed Regression via Convex Atomic-Norm Regularization (under review)*  
<https://www.csie.ntu.edu.tw/~b96705045/sungen/papers/MixedRegression.pdf>

## Software

### **MixingSDPSolve**

A Boolean (0/1) Quadratic Programming solver employing the algorithm proposed in [Mixing Method](#) for solving large-scale SDP, which can handle problems of millions of variables.

<https://github.com/ii35322/MixingSDPSolve>

### **CRFpacket**

A solver for anomaly detection, which can classify and predict next type of event with high accuracy.

[https://www.csie.ntu.edu.tw/~b96705045/sungen/papers/slide\\_window\\_crf.zip](https://www.csie.ntu.edu.tw/~b96705045/sungen/papers/slide_window_crf.zip)

### **Trademark website**

A website for trademarks, which can help users register their trademarks and raise the acceptability.

<http://139.162.41.109:8080/>

## Completed Course

Computer programming (A)  
Advanced programming languages (A)  
Data structures (A)  
Introduction to computer network (A)  
Algorithms (A)  
Calculus (A-)  
Linear algebra (A)  
Introduction to probability theory (A)  
Discrete mathematics (A)

## Skills

Experienced: C++/C

Familiar: Java, HTML, CSS, Javascript

Knowledgeable: Python, Matlab

## Language

Chinese **Native**

English **Fluent**