

Ming Yang Ong

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My ideal job is one that allows me to use the skills that I've learnt to improve the lives of people. I am attracted to environments that can help me grow technically while simultaneously enhancing my world view.

Education

Massachusetts Institute of Technology **Cambridge, Massachusetts**
Masters of Engineering in Computer Science *2016–2017*

- Research Assistant, Laboratory for Information and Decision Systems
 - Thesis: Understanding Generalization

Massachusetts Institute of Technology **Cambridge, Massachusetts**
Double Bachelors of Science in Computer Science and Mathematics *2012–2016*

- Extracurriculars
 - Student Information and Processing Board
 - MIT Singapore Students Society
- Research
 - Investigating quadratic unconstrained binary optimization problems on graphs with bounded treewidth

Hwa Chong Institution **Singapore**
Graduated High School *2004–2009*

- Extracurriculars
 - Astronomy Club
 - International Olympiads (2009 40th IPhO Silver, 2008 IV APAO Bronze, 2008 2nd IOAA HM)

Experience

Vocational.....

Facebook **Menlo Park, California**
Machine Learning Engineer *2017–present*

Feed Ranking- I maintain pipelines in the team's ML training infrastructure. Scope includes content production, ranking, delivery, metrics logging, feature extraction, and label generation.

客湖**KEHU (formerly Madeforgoods)** **Shanghai, China**
Software Engineer *2017*

Large scale data processing- I worked on tools for data collection and query.

Cisco Meraki **San Francisco, California**
Software Engineering Intern *2016*

Backend, query planning and optimization

WalmartLabs **Sunnyvale, California**
Infrastructure Engineering Intern *2015*

Cloud infrastructure management, compliance and administration

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Software Engineering Intern

Full stack engineering- I worked on 3d printing algorithms and user interface stuff

Boston, Massachusetts

2014

Miscellaneous.....

Singapore Armed Forces

Military Service

I was a Third Sergeant in the 9th Division Infantry

Singapore

2010–2012

Languages

English

Native

中文

Fluent

Português

Intermediate

Bahasa Indonesia

Basic

Some Relevant Coursework

6.438: Algorithms for Inference

6.252: Nonlinear Optimization

18.433: Combinatorial Optimization

18.404: Theory of Computation

6.867: Machine Learning

18.434: Seminar in Theoretical Computer Science

Interests

Academic: Algorithms, Optimization, Theoretical Computer Science, Learning theory

Vocational: Optimization, Scalable Infrastructure, Representation, Machine Learning