

# Ming Yang Ong

✉ me@ongmingyang.com • 🌐 www.ongmingyang.com

*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

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**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

**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

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Vocational.....

**Meta** **Menlo Park, California**  
*Software Engineer* *2024–present*  
I develop technologies to support Video Recommendations and Machine Learning at Meta.

*Privacy Engineer* *2022–2024*  
Advised technical feasibility for external data commitments across the company. My team negotiated strategic positions for Meta to address regulatory pressures from the FCO, IDPC and DMA.

*Software Engineer* *2017–2022*  
Supported data collection for Facebook's Discovery Engine. We developed e2e products to power Facebook's News Feed.

**客湖KEHU (formerly Madeforgoods)** **Shanghai, China**  
*Software Engineer* *2017*  
Worked on tools for large scale data processing, collection and query.

**Cisco Meraki** **San Francisco, California**  
*Software Engineering Intern* *2016*  
Worked on backend query planning and optimization

**WalmartLabs***Infrastructure Engineering Intern*

Worked on cloud infrastructure management, compliance and administration

**Sunnyvale, California**

2015

**Markforged***Software Engineering Intern*

Worked on 3d printing algorithms and UI development

**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

*B2 (Celpe-Bras Intermediário Superior)*

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