

# Chen Min

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## Education

### Master in Industrial & Systems Engineering

NATIONAL UNIVERSITY OF SINGAPORE (NUS)

- Simulation and Optimization
- Expected Date of Graduation: Dec 2016.

Singapore

Jan 2016 - PRESENT

### Engineering Diploma (Management of Information Systems)

ÉCOLE DES MINES DE PARIS (MINES PARISTECH)

Paris

Aug 2013 - Jun 2015

### Bachelor of Engineering (Industrial & Systems)

NATIONAL UNIVERSITY OF SINGAPORE (NUS)

- Cumulative Average Point: 4.75/5.0, Expected First Class w. Honours.

Singapore

Aug 2011 - Present

## Work Experience

### Intern Consultant / Full-Stack Developer

FINMECHANICS

- Joined the development team of FMConverge, the company's own trading software.
- Implemented Forex and IRS trading logics for partner banks such as IDFC, Huatai Financial Holdings. Using ReactJS / ExtJS for front end, Java / SQL back end.

Singapore

May 2016 - Present

### System Designer and Developer

GAPABLE

- Designed a web-based, database-driven solution used to evaluate students under new OECD standard as well as to provide statistical analysis for institutions and teachers.

Singapore

Oct 2015 - Dec 2015

### IT Developer

ELICO CORP. SINGAPORE

- Collaborated with clients to understand their specific needs in their ERP solutions.
- Developed custom Odoo modules catering to special client demands on enterprise resource management.

Singapore

Aug 2015 - Oct - 2015

## Projects

### Mecatronique Project

ÉCOLE DES MINES DE PARIS

- Collaborated in a team of 12 in the design and construction of camera directing device based on GPS and infra-red via Arduino chips and electronic add-ons such as XBee and Barometers.

Paris, France

2015

### S-BOX

ÉCOLE DES MINES DE PARIS

- Developed with one teammate and supervisor an online file-storage/sharing system that ensures complete anonymity of user's data and identity with latest encryption technologies.

Paris, France

2015

### Image Recognition using Machine Learning

ÉCOLE DES MINES DE PARIS

- Led a group of three students in implementing Random Forest Algorithm in digital image recognition in Java.

Paris, France

2014

## Scholarship & Awards

2013 **Eiffel Scholarship**, Awarded by French Ministry of Foreign Affairs (€32,000)

2012 **Dean's List**, Awarded to top students (Twice received) by respective department

2010 **Gold Medalist**, in Singapore Physics Olympiad held by Singapore Institute of Physics

## Additional Information

**Programming Skills** C/C#/C++, Java/Python, PHP/Javascript/HTML, MySQL/Oracle/PostgreSQL

**Languages Skills** Fluent in English, Chinese and French, basic Japanese.

**Interests & Specialties** Machine Learning, System/Software/Web Design, Cyber Security, Cryptanalysis, Open-Source.

**Hobbies** Ski, Swimming, Cooking, Piano.