

# Chong Rong (Matthew) Dong

Blog: mitsandpi.com | Email: crdong@uwaterloo.ca | GitHub: github.com/maxiulee | Phone: (226) 700 - 5678

## Skills

- Professional experience in **Excel**
- Familiar with **Python** and **C**
- Exposure to **HTML** and **CSS**
- Excellent **written communication** skills including **technical**, **creative**, and **academic** writing

## Education

**University of Waterloo – Waterloo, Ontario**  
Candidate for Honours Mathematics (Co-op), Class of 2020

## Projects

- RSA Encryption** | [github.com/maxiulee/RSA-Encryption](https://github.com/maxiulee/RSA-Encryption) | 2016
- Implemented encryption algorithm through number theory tools such as the Extended Euclidean Algorithm, efficient modular exponentiation, solving linear congruences, and the Solovay-Strassen Primality Test
- Blog/Portfolio Website** | [github.com/maxiulee/maxiulee.github.io](https://github.com/maxiulee/maxiulee.github.io) | 2016
- Implemented a portfolio website using HTML and CSS
  - Regularly updated my blog, which features long-form articles on mathematics topics aimed for the general audience
- Junior Achievement Company Program** | 2012 – 2014
- Led two companies in the position of VP of Production
  - Calculated production costs, breakeven points and established procedures and strategies to reach production goals
  - Won VP Production of the Year award in 2013

## Experience

- Transportation Engineering Technician Assistant**  
City Hall, City of London | London, ON | High School Internship  
September 2014– January 2015
- Prepared summary spreadsheets and graphs of traffic collision data
  - Produced presentation material for traffic safety seminars
  - Created diagrams that summarized traffic collision details by location
  - Reviewed, and updated infrastructure and collision entries in the City's traffic database (TES)
  - Performed contract cost estimations
- Office and Classroom Assistant**  
London Chinese School | London, ON | Volunteering  
September 2012– March 2015
- Provided reception and administrative services
  - Tutored mathematics for Grade 1 and 2 students
  - Coordinated registration, assemblies, and other school activities

## Interests

**Reading, writing creative non-fiction, piano**

