Chong Rong (Matthew) Dong

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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 (Currently 2A)

Projects

RSA Encryption | 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 | 2016

- Implemented a portfolio website using HTML and CSS
- Regularly updated my blog, which features posts on mathematics topics aimed for the general audience

Junior Achievement Company Program | 2012 – 2014

- Led two companies in the position of VP of Production
- Maintained inventory records, calculated production costs and 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 spreadsheets and graphs of traffic collision data using Excel
- 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, mathematics, philosophy, piano