

## Tom Chen

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### Education

Ryerson University, Toronto, Ontario, Canada

- Bachelor of Engineering, Civil Engineering, June 2018

### Professional Designation:

Professional Engineers Ontario: Engineering Intern (EIT), No 100535225

### Research Experience:

Moustafa A., Tarek G., **Jiaxiang Chen**, Sameh E., Haitham A., “Designing a Blade-System to Generate Downburst Outflows at Boundary Layer Wind Tunnel”

Tarek G., **Jiaxiang Chen**, Moustafa A., Haitham A., Sameh E., “Flow-Conditioning of a Subsonic Wind Tunnel to Model Boundary Layer Flows” \*Under Review\*

- Draft, Meshing & Setting appropriate boundary conditions.
- Conducting Parametric studies.
- Writing User-Defined functions for dynamic mesh.
- Setup & Conducting experimental CFD simulation to gather experimental data.
- Conducting Grid-Independence studies.
- Preparing Figures & Literature.

### Characteristics

Relentless work ethics  
Strong Communication skills

Passionate about work & Accomplishments  
Work well individually and with team

### Software Skills

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|--------------------|-----------|
| • Microsoft Office | • SAP2000 |
| • AutoCAD          | • ETABS   |
| • ANSYS Fluent     | • SAFE    |
| • ANSYS SpaceClaim | • STAAD   |
| • MATLAB           |           |

### Extracurriculars & Grants

Student Initiative Fund: \$5000 for Ryerson Barbell Club, while serving as Club Founder.

### Work

Customer Service Representative, LCBO, Toronto, Ontario, Canada, June 2017- Jan 2019

Barista, Starbucks, Toronto, Ontario, Canada, May 2016- June 2017