

# Chenxuan Meng

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## Education Background

<b>University of Toronto – Toronto, Canada</b> Doctor of Philosophy, Curriculum and Pedagogy (Flexible-time)	<b>Sep 2024 – Present</b>
<b>University of Toronto – Toronto, Canada</b> Master of Arts, Curriculum and Pedagogy   GPA: 3.83/4 Courses: Knowledge Media and Learning (4.0/4.0), Introduction to Computers in Education (4.0/4.0), Instructional Design: Beyond the Lecture (4.0/4.0), Anti-Oppression Education in School Settings (4.0/4.0)	<b>Sep 2022 – Jun 2025</b>
<b>University of Toronto – Toronto, Canada</b> Master of Architecture   GPA: 3.74/4 Courses: Architectural Design Studio (3.77/4.0), Research Studio (3.75/4.0), Acoustic Architecture (3.75/4.0)	<b>Sep 2016 – Dec 2018</b>
<b>Hebei Agricultural University – Baoding, China</b> Major: Bachelor of Architecture   Ranking: 89/100 (Top 2) Courses: Architectural Design (90/100), Urban Design (92/100), Landscape Design (90/100)	<b>Sep 2011 – Jun 2016</b>

## Skills

- ◆ **Language:** English (Fluent, including full professional proficiency), Mandarin (Native).
- ◆ **Learning & Training Platforms | SAP SuccessFactors (LMS):** Canvas, Google Classroom, Moodle
- ◆ **Data & Reporting:** Excel (PivotTable, Power Query), Power BI, SharePoint Lists
- ◆ **Project & Collaboration:** MS Teams, MS Project, Google Workspace
- ◆ **Design & Content Creation:** PowerPoint, Canva, Adobe Captivate
- ◆ **3-D & Visualization:** AutoCAD, Revit, Rhino, SketchUp, Lumion, V-Ray
- ◆ **Prototyping & Fabrication:** 3-D Printing, Laser Cutting, Hand Modelling
- ◆ **Instructional Design Frameworks:** ADDIE, Design Thinking, Kirkpatrick Lv. 1-2

## Work Experience

### WZMH Architects

<i>Toronto, Canada</i>   Architectural Design Assistant	<b>Apr 2019 – Present</b>
<ul style="list-style-type: none"><li>◆ Prepare and coordinate project schematic/conceptual design drawings.</li><li>◆ Lead the preparation of layouts, sketches, space plans, and models.</li><li>◆ Undertake the development of design solutions from concept to implementation in accordance with schedules and budgets.</li><li>◆ Review shop drawings and submittals to ensure compliance with building codes and design concepts.</li><li>◆ Present design proposals to internal and external parties.</li></ul>	

### GALA China

<i>Shanghai, China</i>   Architect	<b>Mar 2022 – Sept 2022</b>
<ul style="list-style-type: none"><li>◆ Acted as both Lead Designer and Project Manager for the design of the Pujiang Life and Health Industrial Park.</li><li>◆ Coordinated and collaborated with clients and all relevant consultants.</li><li>◆ Presented design proposals to the client.</li></ul>	

### Max school (Feiqu Education)

<i>Shanghai, China</i>   Program Coordinator & Curriculum Designer	<b>Aug 2021 – Nov 2021</b>
<ul style="list-style-type: none"><li>◆ Co-ordinated and scheduled six concurrent Design-Thinking art workshops (Grades 1-6); booked rooms, created shared calendars, and maintained 100 % on-time starts.</li><li>◆ Designed age-differentiated syllabi grounded in Design Thinking and produced step-by-step teaching kits that boosted learner autonomy and project completion rates.</li><li>◆ Liaised with external art-supply vendors and reconciled purchase orders within budget, ensuring materials arrived one week before each session.</li></ul>	

### Reel Arts

<i>Shanghai, China</i>   Art Teacher	<b>Nov 2019 – Jun 2022</b>
<ul style="list-style-type: none"><li>◆ Designed art design curriculum for prospective students, providing support and guidance through their art education journey.</li><li>◆ Teaching architectural visualization techniques, including 3D modeling, rendering, and presentation skills to effectively communicate design concepts.</li><li>◆ Customized and differentiated the teaching syllabi for individual students based on their diversity of backgrounds, specialties, and interests.</li><li>◆ Nurtured students' autonomy in creating their art projects.</li></ul>	

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## RHEINSCHIENE Architects

Beijing, China | Intern

May 2017 – Aug 2017

- ◆ Facilitated the preparation of floorplans, sketches, and space plans.
- ◆ Participated in developing the master plan for several industrial park projects in Anhui, China.
- ◆ Participated in the design of the Hot Spring Hotel and Cultural Museum projects in Qingdao, China.

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## Research Experience

### IDEAL

PhD Research Project, *University of Toronto, Ontario Institute for Studies in Education (OISE)*

Sep 2022 – Present

- ◆ Collaborated with Convai to design AI-assisted tools that support teachers in creating active learning curricula for active classroom. (TEAL room in OISE)
- ◆ Collaborate with teacher educators to assist teachers in analyzing the challenges of creating active teaching courses and the limitations of current tools.
- ◆ Investigate the utilization of storyboards to discern patterns in simulating diverse classroom activities and illustrate the application of classroom spaces in active learning scenarios.
- ◆ Examine the use of handmade models and 3D printing to depict the CFI (Canada Foundation for Innovation) teaching space, and assist teachers in employing embedded forms to investigate room configurations suited to various active teaching units.

### Rethinking the Australian Outback: Imagining Leigh Creek

Thesis for Master of Architecture, *University of Toronto, Qualitative Research and Design*

Jan 2018 – Dec 2018

- ◆ Investigated the current demographics, business, and community model of Leigh Creek, researched Aboriginal literature, and conducted semi-structured interviews with local residents.
- ◆ Conducted a three-month follow-up interview with an Aboriginal girl to gain a more in-depth understanding of the challenges faced by local senior and teenage citizens.
- ◆ Proposed a design for a retirement village in Leigh Creek for Adnyamathanha seniors in need, and redesigned and improved the use of public spaces and community facilities in Leigh Creek while acknowledging the Adnyamathanha people as the traditional owners of the land.

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## Publications

- ◆ Meng C, Slotta JD. “Leveraging architectural visualization and AI design tools to enhance the design of active learning curriculum”, In: Oshima J, Chen B, Vogel F, Järvelä J (eds), Proceedings of the 18th International Conference on Computer-Supported Collaborative Learning (CSCL 2025), International Society of the Learning Sciences, 2025: 672-674.
- ◆ Meng CX. “Introduce 3D modelling and virtual technology to high school art education”, Proceedings of the 2021 International Conference on Education, Language and Art (ICELA 2021).
- ◆ Meng CX. “Introducing design thinking to high school art education”, Proceedings of the 2021 4th International Conference on Humanities Education and Social Sciences (ICHESS 2021).
- ◆ Hao HJ, Meng ZL, Meng CX, Yao ZY, Wang Y. “Influence coefficients of common admixture of II grade fly ash and S95 ground granulated blast furnace slag powder”, *Railway Engineering* 2018; 58:156-60.
- ◆ Meng ZL, Wang B, Zhang YH, Meng CX, Wang BH, Zhou J. “Carbonation resistance of high-flowing concrete with compound admixtures”, *Journal of Agricultural University of Hebei* 2014; 37:124-29.
- ◆ Ma XX, Meng CX, Meng ZL, Li GY. “Experimental study on carbonation of self-compacting combined aggregate concrete”, *Journal of Agricultural University of Hebei* 2016; 39:113-18.

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## Honors and Awards

- ◆ **Excellent Graduate Award**, Education Department of Hebei, 2016
- ◆ **National Scholarship**, Ministry of Education of the People's Republic of China, 2014 – 2015
- ◆ **Outstanding Student Award**, Education Department of Hebei, 2014 – 2015
- ◆ **Outstanding Student Scholarship (First Prize)**, Hebei Agricultural University, 2013 – 2015
- ◆ **Challenge Cup National College Student Business Plan Competition (Second Prize)**, Education Department of Hebei 2014