

Xing HAO

xingh@andrew.cmu.edu | +1 412-969-0357 | [linkedin.com/in/xinghao96/](https://www.linkedin.com/in/xinghao96/) | <https://maxwebb96.github.io/XingHao/>

[Educational Background]

Aug.2022 - May.2024	Carnegie Mellon University, Pittsburgh, PA Master of Science, Computational Design	
Sep.2015 - June.2020	Tongji University, Shanghai, China Bachelor of Architecture, Architecture	GPA:3.44/4.0

[Skills]

Programming	Java, Python, C#, RAPID(ABB Robots)
UI/UX	Figma, TypeScript, HTML+CSS,
3D Modeling	Rhino, Unity, Maya, Substance Painter
Graphic Design	AutoCAD, Adobe PS
Language	English, Chinese(Mandarin)

[Professional Experience]

Aug.2020 – June.2022	Fab-Union Shanghai R&D Engineer <i>Developed the robotic crafts of bricks-laying, PLA 3D printing and carbon fiber winding Wrote relevant patents Designed the construction components</i>
Aug.2019 – Jan.2020	Fab-Union Shanghai Intern Designer <i>3D printing construction components design 3D model physical model Web articles writing</i>
Aug.2018 – Oct.2018	Tongji Architectural Design (Group) Co., Ltd. Shanghai Intern Architect <i>Produced working drawings under a supervisor Supervisor: Lu Cheng</i>

[Awards]

Oct.2020	The 6th Chinese Environmental Design Award <i>City Design Boundless Zhangyuan work with 11 teammates</i>	Golden Prize
2015-2018	The Third Prize of Tongji Scholarship of Excellence <i>Awarded to students with great academic performance, top 25%</i>	3times
Sep.2015	Entrance Scholarship of Tongji University <i>Awarded to outstanding students in NCEE, top1%</i>	

[Activities]

July 2019	Digital FUTURES 2019 Workshop <i>Group12 Materiality Intelligence (Supervised by Professor Philip F.YUAN)</i>	Shanghai, China
Aug.2018	Lucca Biennale Cardboard Construction <i>Designer and maker (Supervised by Professor Gan XU)</i>	Lucca, Italy
2015-2017	Students' Association Union of Tongji CAUP <i>Organizer Organize the third "Play Architecture" Modeling Competition</i>	

[Publication]

April 2020	Application of Forward BIM Design Techniques in Complex Façade and Structure Construction: A Case Study with the Theater and Show Center of Qingdao Oriental Movie Center <i>First author Huazhong Architecture 10.13942/j.cnki.hzjz.2021.09.008</i>
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