

Xin Yin (Florence) Lo

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EDUCATION

Massachusetts Institute of Technology (MIT)

M.Eng in Civil Engineering, focus in Structural Engineering Sept. 2019 - June 2020

B.S. in Civil Engineering | GPA: 4.5/5.0 Sept. 2015 - June 2019

Courses: Project Evaluation & Management, Differential Equations, Materials and Mechanics, Structural Systems and Design, Solid Mechanics, Civil and Environmental Design, Statistics, Programming, Structural Dynamics, Environmental Building Technologies, Modern Architecture, Civil Engineering Capstone Design, Fluid Mechanics

EXPERIENCE

Thornton Tomasetti

New York | June 2019 - Aug. 2019

Analyzing the structural stability of the Central Bank of Azerbaijan's new office building and optimizing the concrete and steel options.

MIT Global Teaching Labs

Korea | Dec. 2018 - Jan. 2019

Taught Korean High school students Civil Engineering to prepare them for college courses.

Ferrovial Internship

Georgia | May 2018 - Aug. 2018

Submitted Traffic Control, wrote Rebar Takeoff charts, and organized bridge plans for the I-285 and SR-400 highway expansions.

Modeling and Simulation of Buildings with Professor Ulm

MIT | June 2017 - Aug. 2017

Modeling buildings into molecular form and applying virtual simulations using Molecular Dynamics and Structural Dynamics.

Modeling Pompeii Columns with Professor Admir

Italy | June 2016 - May 2017

Conducted 3D reconstruction, XRF, Tango and Thermal scan of an archeological site. Learned structural stability from professors and researchers.

LEADERSHIP

Civil Engineering & Environmental Student Association, Faculty Liaison 2018 - 2019

MIT Pre-Orientation Programs, Coordinator for Discover Course One 2017

MIT Asian Dance Team, Technical Director 2017

SKILLS

SAFE 2016, Matlab, GSA, Rhino, Grasshopper, Bluebeam, SAP2000, SpBeam, Excel, ETABS

LANGUAGES

Native proficiency in English, proficient in Chinese, Korean, and Spanish