

YUTIAN CHEN

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EDUCATION

- Ph.D., Construction Management**, Arizona State University, Tempe, Arizona **May 2020**
- M.S.E, Construction Engineering**, Arizona State University, Tempe, Arizona **December 2016**
- Bachelor of Science, Civil Engineering**, Fujian Agricultural and Forest University, Fuzhou, China **July 2013**

ACADEMIC PUBLICATION

- Chen, Y., and Chong, O. (2018) "Risk Factors and Potential Solutions for the Construction Industry in China." Journal for the Advancement of Performance Information and Value, Vol. 10 (2), pp. 34–47.
- Chen, Y. (2020) "The Identification of a Potential Solution to Improve the Construction Project Performance in the Chinese Construction Industry: by Analyzing Similar Construction Industries in Other Developing Countries." ProQuest Dissertations and Theses, Arizona State University, America.

INDUSTRY EXPERIENCE

Facility Management Internship, Sundt Construction, Tempe AZ **08/2017-12/2017**

- Lead intern team to provide master plan solution to renovate the Sundt's Phoenix office building.
- Performed site visits, built components assessment, understand site measurements, collected information from third party vendors.
- Measured progress and reported to Project Manager weekly.
- Achieved a customer satisfaction of 9/10 from Sundt.

Assistant Project Manager Intern, PBSRG, Arizona State University, Tempe, AZ **05/2016-01/2017**

- Assisted in the management of 80 projects [\$7.8M budget] for Arizona Department of Environment Quality (ADEQ).
- Initially supported Project Managers with project documentation and planning from selection phase to close-out phase included whole project process.
- Support consisted of tracking vendor performance through weekly risk reports, and compiling data to develop high level reports for ADEQ upper management to see project progress, performance, and issues.
- Provide assistance to ADEQ with running the Best Value process of selecting and awarding vendor's projects by utilizing metrics to help owner to choose best value vendors.
- ADEQ support has led to vendors increasing work load by 102% in 33% less time, also increase satisfaction of work by 22%.

Construction Management Project, Sundt Construction, Tempe, AZ **01/2016-05/2016**

- Co-lead the project delivery of analyzing a 10K sq.ft building for a Sundt Construction office in Phoenix, AZ.
- Project consisted of analyzing current lighting infrastructure and creating a cost-benefit analysis for alternative lighting systems Sundt Construction could utilize to increase cost savings.
- Project was completed in 8 weeks, and saved the client \$6800, and received a customer satisfaction rating of 9.5/10.

Graduate Research Assistant, PBSRG, Arizona State University, Tempe, AZ **08/2016-Present**

- Manage 5 university courses that govern 260 students [teaching assistant for 2 honors courses, grader for 4 engineering university courses. 90 students with average teaching rating 9.0/10].
- Management of courses includes tracking weekly performance metrics of each class and compiling it into a director's report for ASU professors to gain a high-level overview of progress and performance of their courses.
- Conduct Chinese construction market research, to identify performance and alternative solutions to improve the efficiency and effectiveness in the supply chain of delivering professional services.

Instructor, Leadership Society of Arizona LLC, Tempe, AZ **05/2016-Present**

- Supported the development and education of 2 facilities management summer leadership courses at North High School and Mountain Pointe High School, and 1 fall after-school program at Colorado High School.
- Course support has led to the following results: 55 students, 71% decrease in stress, 61% increase in accountability, and overall satisfaction of course is 9.8/10.

Assistant Structural Designer, Intern, Fuzhou Architecture Design Institute, China

05/2015-08/2015

- Supported in the structural design of the residential village in Fuzhou, to ensure the sustainability and efficiency of the assets.
- To increase efficiency of design process, the use of innovative technologies like Auto CAD was applied to draft the design drawing of the concrete structural building.

ORGANIZATIONS

President, IFMA Greater Phoenix Student Chapter

08/2017 – 05/2019

- Created successful chapter action plans for each semester.
- Recruit students to join the IFMA Student Chapter (126 current members, 70% active).
- Partner with local FM professionals to run internship projects with IFMA students [four projects with three companies, 9.8/10 customer rating]
- Host leadership workshops for local K-12, college students, and IFMA members at various Facilities in Phoenix, Arizona (eight workshops hosted in 2017, 350+ attendees, 9.4/10 attendees rating).
- Gave presentation to Chinese Student Organization to reach out the student member.
- Received the 2017 and 2018 IFMA Student Chapter of the Year Award and IFMA Foundation Scholarship in 2018.

Previous: Industry Relations Outreach (01/2017 – 08/2017), Member (05/2016 – 01/2017)

Advisor - LEADERSHIP SOCIETY OF ARIZONA (LSA)

08/2017 – Present

- Mentor for the current student chapter President.
- Taught 7 high school summer classes. Subjects included: leadership concepts, and how to understand, and utilize the expertise of other people in their environment. Results showed students to be 18% happier and 42% experienced a decrease in stress.
- Won six funding competitions for \$14,000.
- Other administrative duties include treasury, fundraising, and marketing.
- Outstanding Service award (October 2015).

Previous: Instructor (06/2016 – /052017), Member (03/2015 – 06/2016)

Advisor – Chinese Student Wellness Organization

01/2018 – 12/2018

- Create Wellness Program for Chinese student in Arizona State University that has 89 members aims to helping them developed heathy living style.
- Create clock in system for student to track their daily wake up time and sleeping time and develop a health sleep habit for student base on their own situation.
- Host 2 workshops and 5 outdoor activities for Chinese student including 120+ attendees.