Yiqing Zhao (www.linkedin.com/in/yiqing-zhao-yqz)

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Education

Texas A&M University – College Station, TX		01/2020 – 12/2021
Master in Computer Science		GPA: 3.75

Coursework:

Data Structure and Algorithms	Big Data	Parallel Computing (Fall 2021)
Software Engineering	Distributed Sys + Cloud Computing	Data Mining and Analysis (Fall 2021)
Artificial Intelligence	Cybersecurity	
Machine Learning	Software Security (Fall 2021)	

New York University – New York, NY	Fall 2019
Bridge to **Computer Science**	Completion

Purdue University - West Lafayette, IN	2012 – 2016
BS in Civil Engineering (with Structural Engineering emphasis)	GPA: 3.69

Experience

Texas A&M University, Department of CSE – College Station, TX   01/2020 – 06/2021

- **Graduate Researcher**, conduct research on statically detecting concurrency bugs in multi-threaded programs using pointer analysis.
- Analyze real-world Go applications such as gRPC and Ethereum; identify concurrency related bugs such as data races.

SUPERSTRUCTURES Engineers + Architects – New York, NY   2017 – 2019

- **Structural Engineer;** Performed structural analysis on historic landmark buildings, and designed restorative structural framing for distressed buildings. My projects included New York City's landmark buildings, public schools, underwater tunnels, etc.

AECOM Design and Consulting Services – Grand Rapids, MI   2016 – 2017

- **Structural Engineer;** Performed structural analysis and design for new construction, and created design drawings using computer-aided drafting software. My projects included hospitals, conference centers, bridges and restaurants, etc.

Purdue Civil Engineering, Bowen Laboratory   Spring 2016

- **Research assistant**, participated in research on rebar corrosion in concrete bridge decks.

Traylor Bros, Inc. – Washington, DC   Fall 2014

- **Engineering Intern** for the Clean Rivers project at DC Water; involved in construction of 24,000-foot-long, 26-foot-diameter tunnel.

Purdue Engineering Education   2013 – 2014

- **Teaching assistant** for classes involving MATLAB and GUI design.

Skills

Go	Spark	SQL
Python	AWS	JavaScript
Java	Azure	HTML
C++	Google Cloud Platform	CSS