

MATTHEW ZHANG

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Experience

Northwestern University Knight Lab

Student Fellow | Evanston, IL | June 2016 - Present

- + Maintained, improved, and provided support for Knight Lab's open source Javascript storytelling tools.
- + Coordinated with other student fellows to host events and foster the journalism/tech student community.

Northwestern Data Visualization Team

Researcher/Developer | Evanston, IL | June 2016 - Present

- + Developed a real-time data visualization system to help Chicago Event Management staff coordinate and distribute resources during the Chicago Marathon.
- + Collected and analyzed runner and medical data to help improve future races.

North by Northwestern

Interactive Editor | Evanston, IL | August 2015 - March 2016

- + Produced weekly news apps, tools, and visualizations for the campus' online magazine.
- + Managed and taught team of section staffers to build and use online web tools.

Extracurricular

Design for America

Design Intern | Evanston, IL | June 2015 - August 2015

- + Designed and prototyped solutions to combat childhood hunger with the Chicago Food Depository.

MZ Photography

Owner | Evanston, IL | June 2015 - Present

- + Provided photographic commissions and services to Northwestern students.

Education

Northwestern University

Evanston, IL | June 2018

B.S. Computer Science

B.A. Radio/Television/Film

GPA: 3.94

Relevant Coursework

Data Structures, Computer Systems, Artificial Intelligence, Algorithms, Agile Software Management

Skills

Software

Python, Javascript, HTML/CSS, C#, d3, jQuery, Node, Express, LAMP, MySQL, Flask, Firebase, Leaflet, git

Design

Adobe Photoshop, Adobe Premiere, Adobe Lightroom

Other

Proficient with AV equipment, physical prototyping tools (CNC, laser cutters, shop tools, etc)

Awards

Dean's List (Fall 2014 - Spring 2016)

Design Thinking and Communication Best Design (Fall 2014)