

# Ming Zhang

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## EXPERIENCE

### Web Developer & Video Editor Sep 2015–Present at **The Daily Pennsylvanian**

Build webpages for featured news stories and web templates for regular stories; maintain and improve the webpages based on statistics of usage; collect interview and b-roll footage on a weekly basis; create and manipulate graphics, film pieces, music, and special effects in a logical and attractive manner using Final Cut Pro

### Teaching Assistant Jan–Mar 2016 for **CIS-160: Mathematical Foundations of Computer Science**

Course materials include proof principles and logics, functions and relations, induction principles, combinatorics, probabilities, and graph theory. Held office hours to answer students' questions; wrote solutions to homework and exams; graded homework

### Co-Founder Jan–Mar 2015 of **National Interscholastic Linguistics Competition of China**

Designed and built the front-end of the website, including an online competition system; provided linguistic problems; was in charge of public account on Chinese social media *WeChat*

### Volunteer Oct–Dec 2015 at **Mighty Writers: El Futuro**

Taught second-generation Hispanic and Spanish immigrant elementary school children to write in Spanish with correct grammar and logical structures in weekly workshops; replied to the children's letters in Spanish regularly

### Founder & Manager 2014 of **Instagram Account “das.wort”**

Founded an Instagram account at [www.instagram.com/das.wort](http://www.instagram.com/das.wort), with currently over 1400 followers, to help people learn German words and their usage in grammatical and cultural contexts

### Chief Organizer & Co-Founder 2013–2015 of **A Cappella Group**

Founded the first a cappella group at Shenzhen Middle School; coordinated routine practices for 6 members; won Excellent Singer Award at 2014 Shenzhen Middle School Campus Singer Competition

### Magazine Editor Oct 2012–Mar 2013 of **Shenzhen Middle School's “NOVA Monthly”**

Translated and edited over 30 articles; presented monthly reports on work progress, problems and plans regarding magazine group in routine meetings

## EDUCATION

### University of Pennsylvania May 2019

Cumulative GPA **3.88** / 4

B.A.S. in **Computer and Cognitive Science**, School of Engineering & Applied Science

B.A. in **Linguistics**, College of Arts and Sciences  
in Computer and Cognitive Science: Artificial Intelligence Program

## COURSEWORK

### Computer Science Related

Programming Languages and Techniques I

Programming Languages and Techniques II: Data Structures in Java

Mathematical Foundations of Computer Science

Introduction to Computer Architecture

iPhone Application Development

Automata, Computability, and Complexity

### Linguistics Related

Introduction to Linguistics

Sound Structure of Language

### Fall 2016 Courses

Discrete Probability, Stochastic Processes, and Statistical Inference

Artificial Intelligence

Introduction to Syntax

Writing Systems

Gender and Society

## SKILLS & ABILITIES

### Languages

Native in Mandarin Chinese; fluent in German (CEFR German Level A2);

comprehensive in French (SAT French Test); basic American Sign

Language, Cantonese, Spanish, Russian, Latin, and Japanese

### Computer Related

Java, Python, HTML, CSS, JavaScript, PHP, MySQL, C, Assembly,

Objective-C, Xcode, Haskell, OCaml, Git, Photoshop, Mathematica,  $\text{\LaTeX}$ ,

Final Cut Pro, Microsoft Office

## AWARDS

### Best Social Impact Hacking Prize Jan 2016 at **PennApps XIII**

with Web App “Foodship” at [www.foodship.me](http://www.foodship.me)

### Silver Medal Jul 2014

at **2014 International Linguistics Olympiad**

among top 9%

### 5th Place at Team Round Feb 2014

at **2014 Harvard-MIT Math Tournament**

out of 88 teams

THANKS FOR READING!