

# EMILY ZHANG

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## CURRENT ADDRESS:

209 Founders Hall  
Ithaca, NY 14853  
USA

## PERMANENT ADDRESS:

6345 Northport Drive  
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## EDUCATION

**Cornell University**, College of Engineering, Ithaca, NY  
School of Information Science, Systems, and Technology  
Candidate for Bachelor of Science Degree, May 2018  
Minors: English, Game Design  
GPA 3.61; Dean's List one semester

**The Hockaday School**, Dallas, TX, Diploma 2014  
SAT Score: 2390

## TECHNICAL SKILLS

- **Languages** - Java, Python, HTML5 & CSS, Javascript
- **Functional Skills** - Object Oriented Programming
- **IDEs**: Eclipse, Spyder, Sublime
- **Database**: MySQL, Neo4j

## RELATED COURSEWORK

Discrete Structures • Object Oriented Programming and Data Structures (Java) • Networks • Engineering Stats and Probability

Currently Taking: Introduction to Databases (SQL) • Intermediate Web Programming (PHP)

## PROJECTS

### Data-driven website based on the game League Of Legends

- Integration of Riot API
- Combination of HTML, CSS, Bootstrap, Javascript, and Python
- Designing a website that performs analysis and comparison of user data to the pool in the database, then gives the user feedback on that analysis.

### Shipping Algorithm

Implemented Java algorithm incorporating Dijkstra's algorithm to optimize synchronized pick up and delivery of parcels over a graph by multiple trucks

### Designed website for PoundWise (preliminary stage Fintech startup)

Built template-based website using HTML, CSS, and Bootstrap explaining startup purpose

## ADDITIONAL SKILLS / STRENGTHS

### Communication:

- English: native fluency
- Chinese: native fluency
- Spanish: basic reading, listening, writing skills

## HONORS AND AWARDS

- Winner of Cornell 2014 Summer Reading Project Essay (10 winners from over 3,000 submissions)
- Three-time Texas state qualifier in Lincoln-Douglas debate competition, 2011-2014

### Chinese:

- 3rd place in 1st Houston Metrobank National Youth Writing Competition for Chinese
- Passed highest fluency level of HSK (Level 6) – national standardized Chinese Proficiency Test

## INTERESTS

Puzzles (and puzzle games), Debate/Philosophy, Poetry, Swimming