

## Daisy Zheng

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### EDUCATION

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#### **Cornell University**

*College of Engineering*

Major: Computer Science, B.S.

Expected Graduation: May 2018

Minors: Business, Biology

GPA: 3.612

### PROJECTS

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- Data visualization of educational standards and their crosswalks, which includes features such as interactions between graphs and tooltips that provide detailed information about each node. Created using D3, HTML, and JavaScript.
- Synchronized multicore honeypot that receives data packets, detects if they are spam, evil, vulnerable, or command packets, performs actions based on instructions in command packets, and outputs stats on command. Written in C. (Cornell CS 3410 project, team of 2)
- Java algorithm that efficiently routes trucks to parcels such that it maximizes delivery speed and points collected in a delivery truck simulation. (Cornell CS 2110 project, team of 2)
- Python script that analyzes credit card data to classify subscribers by type and duration, calculate yearly revenue, and determine the years with the greatest revenue growth and loss.

### ENGINEERING EXPERIENCE

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#### **WVBR 93.5 FM and CornellRadio.com**

February 2016 – Present

*Web Committee, DJ*

- Currently designing and creating the new WVBR and CornellRadio.com websites.
- Host of a biweekly radio show on CornellRadio.com.

#### **Cornell Coding Boot Camp**

September 26, 2015

*Mentor*

- Helped any participants who were experiencing coding difficulties or technical issues.
- Explained when JavaScript is used, how Git commands work, etc.

#### **Concrete Canoe Engineering Project Team**

September 2014 – May 2015

*Aesthetics Subteam, Team Historian*

- Subleader of the display board project: scheduled meetings and guided design and construction of the display board.
- Helped design the stands, display board, and canoe in accordance to the NYC theme.
- Documented mix/mold subteam meetings and Cast Day for display and report use.

### WORK EXPERIENCE

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#### **Cornell University College of Human Ecology**

February 2016 – Present

*Website Redesign Team – Content Mover*

- Meet with clients from the College of Human Ecology to transfer content from the old website onto the new Drupal site, merging, editing, and redesigning as needed.

#### **Oxley Equestrian Center**

September 2014 – December 2014

*Barn Hand*

- Provided food, water, and bedding for horses and led horses into and out of fields.
- Learned on the job, having had no prior experience with horses.