

# Juechi(Joyce) Zhou

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## EDUCATION

**Cornell Tech at Cornell University** / MS in Information Systems (Computer Science Track, GPA 3.7/4.0)

August 2016 - May 2018, New York, NY

Merit Based Jacobs Technion – Cornell Institute Fellowship

Coursework: Applied Machine Learning, Natural Language Processing, Optimization Tools, Independent study on Human-Computer Interaction.

**Beijing University of Posts and Telecommunications** / B.Eng. in Communication Engineering (GPA 3.6/4.0)

September 2012 - July 2016, Beijing, China

Honorable Mention, Mathematical Contest in Modeling, 2015

Coursework: Data Structures and Algorithms, Computer Networks, Discrete Mathematics

## EMPLOYMENT

### AOL Inc

June 2017 - August 2017, New York NY

*Software Development Intern* (Bootstrap, jQuery, Ajax, Flask)

- Full stack web development at Area 51, the technology innovation lab at AOL. Designed and developed a new way of news consuming for AOL.
- Mainly worked on frontend implementation, API research and backend image search algorithm.
- Integrated with IBM Watson API, Google Custom Search API, etc.
- Product got accepted by NYC Media Lab 2017

## RESEARCH

### Stanford University HCI Group - Crowd Research Collective

2015 - 2016, Remote

*UX Researcher*

- Participated in the design and development of the reputation system and organizational model of self-governed crowdsourcing marketplace.
- Co-authored research paper and submitted to CHI (Top conference of Human-computer interaction).

## PROJECTS

### Orange / mHealth app for cancer patients in developing countries

2017, New York, NY

*Software Developer* (React Native, React, Django, MySQL) & *Mobile Designer* (Sketch + InVision)

- Designed and tested frontend pages collaborating with doctors at Massachusetts General Hospital.
- Implemented client side of “Orange” using React Native.
- Working on building doctors’ dashboard page using React.

### Named Entity Recognizer Using Neural Network

2017, New York, NY

*Natural Language Processing Final Project* (word2vec, Tensorflow)

- Built up a deep neural network model to do named entity recognition for Twitter text.
- Used context window to reveal the relation between words.

### RESTful Image Magic API

2016, New York, NY

*Software Developer* (Flask + AWS + Gunicorn + Nginx)

- Implemented a performant RESTful web API analyzing color of image.
- Deployed to AWS with Classic Load Balancer and cache to improve performance.
- Performance of the API ranked the top 6% among all 98 students.

## SKILLS

Python(Flask + Tensorflow), Javascript(React + Flux, Node.js), C#(Unity), C++, HTML+CSS, MySQL.  
Rapid prototyping, UX research & design (Sketch + InVision).  
Taichi(certified national athlete)