

# Juechi(Joyce) Zhou

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## Education

### **Cornell Tech at Cornell University / MS in Information Systems (GPA 3.7/4.0)**

August 2016 - May 2018, New York, NY

Merit Based Jacobs Technion – Cornell Institute Fellowship

Coursework: Applied Machine Learning, Start-up System Design & Engineering, Natural Language Processing, Independent study on Human-Computer Interactions.

### **Beijing University of Posts and Telecommunications / B.Eng. in Communication**

Engineering (GPA 3.6/4.0)

September 2012 - July 2016

Honorable Mention, Mathematical Contest in Modeling, 2015

Coursework: Data Structures, Computer Networks, Discrete Mathematics

## Employment

### **AOL**

June 2017 - PRESENT, 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 - converting articles to images overlaid with corresponding text, integrated with IBM watson API. Mainly worked on frontend implementation and backend image search algorithm.

## 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 + Flux) & Mobile Designer (Sketch + InVision)

Designed and tested frontend pages collaborating with doctors at Massachusetts General Hospital.

Implemented client side of "Orange" using React Native and Flux.

### **Image Magic API**

2016, New York, NY

Software Developer (Flask + Gunicorn + Nginx)

Implement a performant 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 Native + Flux), HTML+CSS, C++, MySQL.

Rapid prototyping, Interaction design.