

# Jingwu Xu

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## Education:

**University of California San Diego (UCSD)**, La Jolla, CA  
M.S. Degree in Computer Science

Sep 2018 – Present

**Colorado State University (CSU)**, Fort Collins, CO  
B.Sc. Degree in Computer Science

GPA: 4.0/4.0

Aug 2016 – May 2018

- Dean's List
- Admission Scholarship

**Central China Normal University (CCNU)**

B.Sc. Degree in Computer Science

GPA: 86.81/100

Aug 2014 – Jul 2016

- CS First Rate Scholarship (top 3%)
- Twelfth ACM Invitational Programming Contest Central China Affiliated Universities, The Third Prize
- The First CCF Internet Application Design Competition, The Third Prize

## Relevant Skills:

- Python, Java, C++, Javascript, HTML5
- Git, VueJS, Servlet, Django, MapReduce, JUnit, Waterfall Model

## Relevant Experiments & Activities:

**Software Developer Intern**, *Skyoo LLC*.

May 2018 – Sep 2018

- Brainstorming ideas, designing models, developing features and improving UI/UX
- Familiarized with Git version control, Vue.js, and Django REST framework
- Fixed bugs, integrated calendar system with timezones, and modified coupon system

**Teaching Assistant**, For Algorithms Theory and Practice, CSU

Aug 2017 – May 2018

- Assisted the instructor with developing slides, worksheets, quizzes, exams and classes
- Evaluating assignments, discussing algorithms, and holding office hours for Q&As

**Leader of CCNU ACM Team**, CCNU

Nov 2014 – May 2016

- Participated regional universities ACM contests, and achieved two Third Prizes
- Organized ACM competition, offered ACM workshops on campus

## Relevant Research & Projects:

**Feature Extractions and Named-Entity Recognition**

Apr 2018 – May 2018

- Pre-processed raw text and formulated rules to extract certain features of a word
- Transformed textual data into numerical data to fit existing supervised ML models
- Achieved high prediction accuracy based on Stanford NER library as desired outcome

**Risk Game Web Based Application**

Mar 2018 – May 2018

- Implemented with Object-Oriented design patterns such as MVC model and Façade

**Reinforcement Learning for Gomoku Game with Neural Network**

Nov 2017 – Dec 2017

- Used Iterative Deepening Search finding local optimal move for opponent
- Combined Reinforcement Learning with a Neural Network as the Q Function

**Trip Planer Application**

Feb 2017 – May 2017

- Developed ReactJS web interface, glassfish web Server and Java DB using Scrum and TDD

## Relevant Courses:

Machine Learning, Artificial Intelligence, Object-Oriented Design, Algorithms Theory and Practice, Abstract Algebra, Statistical Data Analysis, Database, Distributed Systems, Big Data, Bioinformatics