

# Nianxu Wang

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## EDUCATION

### University of Southern California

*Expected graduation: May 2021*

- B.S. Computer Science *Cumulative (Major) GPA: 3.58 (4.00)*
- USC Viterbi School of Engineering Dean's List (GPA 3.5+) *Spring & Fall 2018*
- Relevant coursework: Data Structures and Object-Oriented Design, Discrete Mathematics, Principles of Software Development, Algorithms and Theory of Computing, Linear Algebra & Differential Equations

## SKILLS & ABILITIES

**Programming languages:** Proficient in: C++, Java, Python, HTML5/CSS. Exposure to: C#, JavaScript, SQL

**Other Tools & Technologies:** Git, Visual Studio, Linux, Command Line, JSON, Unity, Agile

## PROJECTS & EXPERIENCE

### 7<sup>th</sup> Annual Boeing Business Case Competition

February 2019

- Analyzed financial data regarding Boeing aircrafts. Crafted a presentation in a team of 4 to recommend to a panel of Boeing executives ways to reduce costs and maximize profits.

### Asapappy

October - November 2018

- Programmed the backend of a web application project with a 5-person team using Agile approach. Wrote multithreaded networking server code in Java to allow multiple users to access application and update database.

### Sycamore Calendar

September - October 2018

- Implemented Google Calendar API using Java as backend, MySQL as database. Allows users to access and modify calendar, and follow others. Tools used: Servlets, AJAX, HTML/CSS/JS, jQuery, MySQL Workbench, Eclipse IDE

### Winner of USC Data Analytics Competition 2018

September 2018

- Analyzed USC Hospitality's data to identify 5 key areas to reduce loss. Recommended 5 popular cafes and food items with potential to increase sales. Tools used: Python (& Pandas), Excel

## LEADERSHIP & VOLUNTEER

### EurekaHacks Planning Committee

September 2018 - Present

- EurekaHacks will be the first ever data science hackathon at USC, currently set for March 23-24 2019, with estimated attendance at 200 people. Smaller Data Day of 70 people successfully held on November 3rd 2018.
- Handling event planning and logistics, with responsibilities including organizing whole event from venue to catering, budgeting, and reaching out to companies to sponsor food and merchandise.

### Association for Computing Machinery USC Chapter Executive Board

2019

- ACM is the largest professional and social computer science organization at USC.
- Coordinating logistics and leading and running ACM's events for it's 300 active members.
- Helped coordinate TrojanHacks (USC's biannual Hackathon by ACM) and judged final winning projects.

### Applied Statistics Club Executive Board

2019

- ASC is the biggest data science club at USC with over 250 members.
- Dealing with internal affairs and helping organize ASC's events.

### Joint Education Project for Computer Science

September - November 2018

- Engaged with a local 3rd grade class of 28 kids to teach computer science weekly.