

Jiixin Wang

Philadelphia, Pennsylvania, 19104 | 215-730-4268 | jiixinw@seas.upenn.edu

Education

University of Pennsylvania, School of Engineering and Applied Science **Philadelphia, PA**
Candidate for Master of Science in Engineering:

Computer and Information Technology & Materials Science and Engineering Present – May 2022

Cumulative GPA: 3.73/4.0

Related Coursework: Programming Languages and Techniques, Introduction to Computer Systems, The Mathematics of Modern Computer Science, Big Data Analytics

Nanjing University, School of Chemistry and Chemical Engineering **Nanjing, China**

Bachelor of Science: Chemistry Sep 2015 – June 2019

Cumulative GPA: 4.33/5.0

Related Coursework: Linear Algebra, Probability Theory and Mathematical Statistics

Technical Skills

Data Analytics & Database: Python (Pandas, Numpy, Scikit-learn), MySQL, Spark, MongoDB

Web Development Technologies: Java, JavaScript (NodeJs), HTML5, CSS

Project Experience

BookBank (*Full stack*)

Developed a blog application using Express, MongoDB to gather reviews about bookstores around the world

Using Redis to rank the bookstores by review count/ average review points/ number of likes from users

Dungeon Game (*Java*)

Developed a simple version of dungeon game

Designed the Game UI, and implemented the minimum spanning tree algorithm to create the dungeon

Hangman (*Java*)

Made improvements on the base algorithm for the evil hangman game

Experience

Nanjing University **Nanjing, China**

School of Chemistry and Chemical Engineering

Research Assistant

Mar 2017 - Jun 2019

Engineered different nanopore mutants, exploring the influence of mutant sites for single molecule gold(III) sensing, suggested a possible way of developing ion-combined nanopore for sequencing

Science and Technology Association, School League Committee

Vice Director, Communication Department

Sep 2016 - Jan 2017

Contacted over 100 teams to join the Academic Technology Show with department members, guided the idea exchanges between teams and their advisors