

# Hanye Wang

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## EDUCATION

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### University of Pennsylvania

Master of Computer & Information Technology

**Cumulative GPA: 4.0/4.0**

**Relevant Courses:** Software Development, Computer Systems, Discrete Structures, Data Structures & Algorithms

**Philadelphia, PA**

Sep. 2020-May.2022

### Zhejiang University

Bachelor of Law in International Politics

**Cumulative GPA: 3.92/4.00** Excellent Graduate Scholarship; Research Assistant; Authored Publication

**Hangzhou, China**

Sep. 2016 – Jun. 2020

## SKILLS

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**Programming Language:** Python, JavaScript/ES6, C/C++, JavaScript, TypeScript, HTML5/CSS3, SQL

**Databases, Tools, Templates & Server:** MySQL, PostgreSQL, MongoDB (Mongoose), Git, Tomcat

**Frameworks & Others:** Node, Express, React, Angular, Ajax, Bootstrap, jQuery, Flask, Junit/PyTest, AWS, R, STATA

## EXPERIENCE

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### Autism Telemedicine Company

Software Engineer Intern

**Philadelphia, PA**

Dec. 2020 - Present

- Restructured and maintained a full stack web service with over 2000 active users all over the world.
- Implemented back-end service with **Node.js**, **Express.js** and **PostgreSQL** based on **RESTful APIs**. Built and improved a front-end webpage for ADHD Test in **TypeScript**, **jQuery**, **HTML** and **Bootstrap**, attracting over 200 subscribers.
- Coordinated with the manager to begin to use **Angular** framework and **React.js** to optimize the coupling of front and back end, reducing the difficulty of service maintenance and to make code be easier to read.

### Kantar Media CIC

Consulting & Research Intern

**Shanghai, China**

Dec. 2018 - Mar. 2019

- Created **Python** Scripts to crawl and collect over 300,000 posts on social media for over 10 luxury brands in LVMH and Kering, analyzed the information dissemination pattern of these brands with **Python** and **SQL**, tracked the effect of information promotion of related Key Opinion Leaders (KOLs), and selected top KOLs.
- Advised by manager to deploy a service on **AWS** in Python to monitor online reviews for luxury brands on different social media platforms and extract insight data automatically, increased analysis efficacy by 50%.

## SELECTED PROJECTS

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### UPenn Hackathon (UPenn to-do list) [\[URL\]](#)

Jan. 2021

- Built a full-stack web application helping UPenn students to make their own calendar, supporting users to login and register, to-do lists management for selected days, academic calendar, important school websites and map import.
- Teamed up to explore UPenn students' needs of study management tools by interviews, and finish functions and UI design.
- Established back-end service with **Node.js**, **Express.js** and **MongoDB**, imported data and cleaned the data through **Python**.
- Implemented front-end website design by **HTML**, **CSS**, **bootstrap**, **EJS** achieved interactive functions by **JavaScript**, **jQuery**, and finished data asynchronous display by **Ajax** via **axios.js**, which shortens the response time for data.

### Full-Stack Tmall E-Commerce Platform

Nov.2020

- Established a full-stack online shopping platform based on **Java Web** and **MySQL**, supporting functions, such as item browsing, shopping cart, user login for clients front-stage, and order management, product management for back-stage admin;
- Scaled the backend services based on MVC pattern, with **Servlet** as Controller, Filter as service dispatching, JDBC as **DAO**, (Druid Connection Pool), **JSP** as template, and deployed it on an Ali Cloud server with **Docker** and **Tomcat**;
- Implemented (>20) the web pages all supporting Ajax refreshing using **jQuery**, and beautified them with **Bootstrap**;
- Achieved interaction function like sorting productions, switching page content, Event triggering using **JavaScript**, **jQuery**.