

# Tailin Zhang

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## EDUCATION

**University of Illinois at Urbana-Champaign**

May 2020

*Bachelor of Science in Computer Engineering*

GPA: 3.30/4.00

Related Coursework:

CS410 Text Information System

CS411 Database System

CS440 Artificial Intelligence

CS498DV Data Visualization

CS498AML Applied Machine Learning

CS498RK Web Programming

## PROFESSIONAL EXPERIENCE

**SF Technology Data Center (SF Express)**

Shenzhen, CN

*Internship*

May 2018 – August 2018

- Developed the backend system of Itech Platform to improve server maintenance efficiency
- Used Celery to run stress tests on servers and Ipmi to monitor server status
- Designed Mysql database to store test data and used Python Flask to deliver json files to frontend

**Rediscover: Scientific Data Relationships Prediction**

Champaign, IL

*Research*

September 2018 – Present

- Employed machine learning algorithms to find relationships between multiple datasets
- In charge of improving accuracy of final prediction by comparing different algorithms

**Southern Constructional Engineering Company**

Shenzhen, CN

*Internship*

December 2016 – January 2017

- Learned using CAD to create floor plans and elaborate on minor constructional details
- Managed constructional data using Excel and Mysql

## LEADERSHIP & ACTIVITIES

**Chinese Student Scholar Association**

Champaign, IL

*Director of IT Department*

March 2017 – Present

- Developed the CSSA official website to show organization features and event introductions
- Maintained the CSSA student forum consisted of 2.9k members to provide community resources
- Organized weekly workshops with other members to teach web development knowledge

**ACM Sigai**

Champaign, IL

*Member*

Jan 2019 – Present

- Attended weekly workshop to discuss about research related to Artificial Intelligence

**CS Scheduler**

Champaign, IL

*Personal Project*

July 2018 – Present

- A Web App that recommended courses for CS students and provided most up to date seat information
- Classified the data to recommend most relevant CS courses based on user information
- Would send email notifications if recommended course is available every five minutes

**Game Design Project in Carnegie Mellon University**

Pittsburgh, PA

*Leader*

June 2016 – August 2016

- Led a project team to design Python video game using Tkinter and Pygame
- Created Tetris Game and Tank War Game with team members
- Gave a presentation at CMU auditorium to introduce our project and present game demo

## SKILLS

- Machine Learning Algorithms
- Python3, Flask
- C, C++, X86 Assembly,
- Mysql
- HTML, CSS, Javascript