

Jinlang Wang

OBJECTIVE: TO OBTAIN AN INTERNSHIP/ COOP IN THE SUMMER OF 2021

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Education

University of Pittsburgh

BACHELOR OF SCIENCE IN COMPUTER SCIENCE, MINOR IN MATHEMATICS, GPA: 3.85/4.0

Pittsburgh, PA

Apr 2022

Skills

Languages Python, Java, C, HTML, CSS, JavaScript, Latex, Linux, Assembly Language

Frameworks Docker

Courses Data Structures, Discrete Mathematics, Computer System, Algorithm Implementation, Calculus III, Intro to Theoretical Math, Linear Algebra, Applied Statistics

Future Courses Software Quality Assurance, Intro to Data Science, Intro to Machine Learning, Differential Equation

Experience

Undergraduate Teaching Assistant

Jan 2020 - PRESENT

UNIVERSITY OF PITTSBURGH

Pittsburgh, PA

- Hold weekly office hours to help explain material and debug for students;
- Lead recitations to go over material talked in lectures and enhance learning of students;
- Grading weekly labs and projects.
- Spring 2020: UTA for CS 0445 Data Structure

Data Analyst in a Computational Biology Lab in the University of Pittsburgh

Aug 2019 - Jan 2020

UNIVERSITY OF PITTSBURGH

Pittsburgh, PA

- Leveraged knowledge of Shell Scripting, Pandas, Lunix, Matplotlib, Caffe, Keras, Deep Learning, Database Principles, High-Performance Computing (HPC), Biopython, and PyMOL;
- Using Jupyter Notebook to draw graphs and analysis the data;
- Model protein and inhibitors by Molecular Dynamics and Lead optimization.

Chief Editor of WeChat Public Account

Sep 2019 - Jun 2020

BEIJING NO. 35TH HIGH SCHOOL

Beijing, China

- Post class and school events;
- Using Jupyter Notebook to draw graphs and analysis the data;
- Wrote articles for a schoolmate with pulmonary hypertension to raise money for treatment and arouse concern for this disease.

Projects

Hello Buddies

Feb 2020

GROUP PROJECT FOR SHE INNOVATES HACKATHON

Pittsburgh, PA

- A website for students to find a study group;
- Implemented with CSS, HTML, JavaScript, and Google API.

Space Invader Game

Mar 2020

INDIVIDUAL PROJECT FOR CS 447 - COMPUTER ORGANIZATION AND ASSEMBLY

Pittsburgh, PA

- A sort of clone of the immensely popular 1979 arcade game Asteroids.

Study and Protection of Ancient Trees in Beijing

Jun 2014 - Jun 2017

WON THE FIRST PRIZE IN THE 37TH BEIJING YOUTH SCIENCE AND TECHNOLOGY INNOVATION CONTEST

Beijing, China

- A sort of clone of the immensely popular 1979 arcade game Asteroids.
- Studied ancient trees in Beijing;
- Made proposals on transplanting trees;
- Established information management system and standardizing maintenance.