

Han Wang

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EDUCATION

University of North Carolina at Chapel Hill, Chapel Hill, NC

August 2016 – December 2019

Computer Science B.S., Psychology B.A.

- Major GPA: 3.80/4.00 in Computer Science, 3.90/4.00 in Psychology
- Relevant courses: Data Structure, Computer Organization, Models of Languages and Computation, Files and Databases, Cryptography, 2D Computer Graphics.

Programming Languages

Python, Java, C++, C, MySQL, MATLAB, Bash, HTML, CSS

WORK EXPERIENCE

Student Researcher, Neuro Image Research and Analysis Laboratories, Chapel Hill, NC

August 2018 – Present

- Designed and developed specialized python programs to filter out invalid image data and improve image feeding efficiency for the background machine learning processes

Research Assistant, UNC Neuroscience Lab, Chapel Hill, NC

April 2018 – Present

- Developed MATLAB programs to analyze images of astrocytes from cocaine-addicted experiment rats
- Built AutoHotKey and VBA to automate the process of data generalization and analysis

Front-End Development Intern, CPM Continuous Precision Medicine, Durham, NC

March 2018 - August 2018

- Built physician portal website used for pain-killer prescription to manage drug addiction

Technology Lead, UNC Safewalk App Developing Team, Nanjing, China

November 2017 - January 2018

- Developed a website that can receive and coordinate requests from students who need to schedule UNC Safewalk service

LEADERSHIP & EXTRACURRICULARS

Undergraduate Teaching Assistant, University of North Carolina at Chapel Hill, Chapel Hill, NC August 2018 - December 2018

- Coordinated monthly review sessions and prepared study materials for students
- Facilitated in-class learning and out-of-class office hours

Intern of Council on International Education Exchange (CIEE), Rice University, Nanjing, China

June 2017 – August 2017

- Provided technical support for classes
- Assisted out-of-class activities

Volunteer of UNC Health Care, UNC Cancer Hospital, Chapel Hill, NC

August 2017 - October 2017

- Assisted UNC Oncology radiation department with various on-demand tasks
- Provided guidance for customers and patients at information desk at UNC Cancer Hospital

Committee Member of Carolina Union Activity Board, UNC CUAB Club, Chapel Hill, NC

August 2016 - May 2017

- Assisted in holding concerts on UNC campus

Member of UNC Weather Balloon project, UNC BEAM Club, Chapel Hill, NC

2016 - 2017

- Designed electrical devices used on the weather balloon, including GPS and mini camera

Founder and Leader of High School Physics Team, Nanjing No.29 High School, Nanjing, China

2015 - 2016

- Founded and led the first Physics team in Nanjing No. 29 High School
- Organized practices for Jiang Su Youth Physics Tournament, where team won the third place

SKILLS & INTERESTS

Working Languages: English, Chinese

Personal Interest: Piano, Video Editing