

# Jinghan Liu

+1 9294659028 | liujinghan2018@gmail.com

## EDUCATION

### Columbia University

*Master of Science in Biostatistics*

Sep 2021 - Present

### The University of California, Irvine

*Bachelor of Science in Bioengineering*

**GPA:** 3.38/4.0

Sep 2017- Jun 2021

## INTERNSHIP EXPERIENCE

### Biotech Pharmaceutical Co., Ltd.

*Administrative Assistant*

Beijing, China

Jul 2020 – Aug 2020

- Assisted Human Resources team and worked with different departments to generate 6-month budget plans and formalize research and investment proposals
- Attended various meetings and maintained detailed meeting minutes
- Revised laboratory procedures to increase both efficiency and reproductivity of experiments. Proposed methods to reorganize sample collection and streamline processes

### Nkd Pharma Co., Ltd.

*Research Intern*

Beijing, China

Jul 2020 – Aug 2020

- Conducted extensive literature research on the formulations of generic drugs. Assessed documentations reporting efficacy, toxicity, and details concerning clinical studies and compiled a 40-page white paper as final deliverable
- Planned and performed wet lab experiments using techniques such as titration and distillation. Recorded experimental details and observations

## ACADEMIC PROJECT EXPERIENCE

### Senior Design: Cooperate with Sira Medical Company

*Project: Intuitive Platform to Manipulate 3D Holograms from CT or MRI Images for Surgery*

Sep 2020 – Jun 2021

- Use precision measurement tools to test the accuracy of the holograms
- Upgrade the software and modify the UI/UX design by recording the difficulties we encountered in using the software

### Computer-Aided Design

*Project: Sandbox Project*

Apr 2019 – Jun 2019

- Researched designs of hospital beds. Compared and contrasted various designs and the advantages and disadvantages of each. Identified potential areas for improvement
- Used SolidWorks to model a hospital bed and incorporated innovative features to solve previously identified problems
- 3D printed the final model and composed report detailing its design specifications. Presented at the annual student project poster session

## EXTRACURRICULAR ACTIVITIES

### Chinese Engineering Associate

*Marketing Team*

Irvine, CA

Sep 2018 – Jun 2020

- Managed social media accounts and posted regular updates about current engineering projects as well as opportunities for participation
- Designed marketing materials for events

## SKILLS

**Computer Skills:** Microsoft Office, MATLAB, Python, R (basic)

**Language Skills:** Native Mandarin speaker; Fluent in English (oral and writing)

**Laboratory Skills:** Familiar with NI LabVIEW and ELVIS-II