

# Lucy Chung

Centennial, CO 80111  
Chung.lucy96@yahoo.com

*An aspiring software developer with a research-heavy background, who is resourceful and highly motivated to develop skills to effectively implement new technologies*

## SKILLS

Software Development Life Cycle (SDLC), Data Structures & Algorithms  
Agile Methodology, Distributed Systems, REST APIs, Node  
Git, SQL, NoSQL, Firebase

## EDUCATION

**Masters of IT Innovation** | University of Nebraska at Omaha, 4.0  
2020 – Present

**Bachelors in Neuroscience** | Creighton University, 3.6  
2014 – 2018

**Professional Scrum Master Certification** | Scrum.org  
Obtained March 2020

## PROJECTS

### Full Stack Developer | Sketchy Boss

A full stack application to bring “whisper networks” onto the web, allowing people to warn others of bad actors in the workplace

- Designed a responsive web application to allow users to create reports and search other reports made by other users to research specific actors or businesses
- In an Agile environment, created a Django backend application that communicates through RESTful APIs using Axios to a Vue frontend

Aug '21 – Present

Django REST Framework  
SQLite  
Axios  
Node  
Vue  
Vuetify  
PostMan

### Django Web App Developer | Kits Inventory Tracking System

A fully functional web application to provide clinical trials offices with a tool to inventory research kits

- Collaborated with a clinical trials office to identify system requirements
- Developed the application using Django with a team of 4 developers in an Agile manner
- Conducted unit testing using Selenium and created user documentation

Spring '21

Django  
SQLite  
Selenium  
Bootstrap

### Python Programmer | Traffic Simulator

A traffic simulator that includes modifiable variables to test traffic flow/congestion

- Simulation was created with Simpy, data was processed with Numpy & Pandas, then visualized with Matplotlib

Spring '21

Simpy  
Pandas  
Numpy  
Matplotlib

### Product Management | Squeaky Clean

A project to gain skills in project management, primarily focused on planning/initiating in the Software Development Life Cycle

- Created project charters, estimated timelines/budgets, and assessed project risk
- Identified stakeholder requirements to create user stories and ERDs

Fall '20

Microsoft Project  
Draw.io  
Trello

## OTHER EXPERIENCES

### Clinical Research Associate

Clinical Trials Office @ University of Nebraska Medical Center

- Coordinated staff to collect biological specimens & maintained the clinical trials database
- Assisted with implementation/training on Microsoft SharePoint to secure files

Aug '19 – Aug '20

### Summer Research Intern

Summer Research Program @ Creighton University

- Produced, purified, and characterized modified monoclonal CCR5 antibodies for HIV protection

Summer '18

## CONTRIBUTIONS

Mao, Z., He, S., Mesnard, C., & Chung, L. (2020). NMDA receptors containing GluN2C and GluN2d subunits have opposing roles in modulating neuronal oscillations; potential mechanism for bidirectional feedback. Brain Research, 1727.

**Portfolio:** <https://is2lucy1.github.io/Portfolio/>

**Github:** <https://github.com/Is2lucy1>

**LinkedIn:** <https://www.LinkedIn.com/in/lucychung-2023>