

Zhengrui Lu

Seattle, WA, 98103 | luzhengrui2019gt@outlook.com

LinkedIn: [zhengrui-lu/](#) | [Github](#) | GHC Member

SUMMARY

Software Engineer working for full stack application development with a passion in cloud computing.

EDUCATION

Master of Science - Information Systems Bridge Program Sep 2021 - May 2023
NORTHEASTERN UNIVERSITY GPA: 4.0/4.0

Related Courses:

Application Modeling and Design, Data Science Engineering with Python(2021fall),
Program Structure and Algorithms, Application Engineering and Development(2022spring)

Master of Education (M.Ed.) GPA: 3.78/4.0 (top 5%) Sep 2017 - Jun 2019
LANZHOU UNIVERSITY Lanzhou, china

Bachelor of Arts (B.A.) GPA: 3.69/4.0 (top 5%) Sep 2009 - Jun 2013

SKILLS

Languages: Java, Python

Tools & Technologies: HTML/CSS, GitHub, JSON, pandas

Frameworks & APIs: Django, Twitter APIs

Databases: MySQL

Interpersonal: Excellent communication and Time management, Team organization, Organized & able to present information in a clear concise manner, Self-starter

EXPERIENCE

Tech Resilience Program - Mentee Participant (remote)| **Microsoft** Feb 2022 - March 2022

- ✓ Improved the effectiveness of peer mentors
- ✓ Leveraged self-regulation and cognitive flexibility to work strategically
- ✓ Communicating with others strategically through mirroring and coaching

CERTIFICATIONS

[Responsive Web Design](#) Developer Certification | **freeCodeCamp** Issued April 2022

PROJECTS

Twitter Data [Sentiment Analysis](#) for SEL Curriculum Design Oct 2021 - Dec 2021

- ✓ Implemented a program to perform sentiment analysis of Twitter data -- modified the analysis to consider people's attitudes focused on particular topics on social media
- ✓ Loaded Tweets, calculated Tweets popularity and trended hashtags with **Python** and **JSON**. Tested live data with **Twitter APIs**
- ✓ Organized group and secured pair-programming

Chem-Aware App | [Hackathon](#) Oct 2021

- ✓ To ensure the safety of food and household chemicals, designed a mobile app to check chemical compounds, using **Python, Pubchem-Pug API, Swift, iOS, JSON, Xcode**
- ✓ Counseled with Hackathon Sponsor - Uber Mobile Engineers and Product Managers to effectively articulate technical challenges and solutions in database and marketing challenges
- ✓ Aligned group and managed scope and timeline while ensuring value realization of the project