

Jiajun Gao

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EDUCATION

SUNY - University at Buffalo

Buffalo, NY

B.S., Computer Science

June 2023

- Relevant Coursework: Data Structures & Algorithms, Systems Programming, Computer Organization, Web Applications, Discrete Math, Statistics and Probability
- Technical Skill: Java (3yrs), C/C++ (3yrs), Python (3yrs), Jupyter Notebook, Google Colaboratory, Git, Matlab, Web Development

CUNY - Queensborough Community College

Queens, NY

A.S., Computer Science

June 2021

- GPA 3.79
- Relevant Coursework: Object Oriented Programming, Algorithmic Problem Solving II in C++, Computer Organization & Assembly Language, Linear Algebra, Calculus III

WORK EXPERIENCE

Google Software Product Sprint

Remote

Program Participant

May 2021 - August 2021

- Designed and implemented a web application using **Java**, **JavaScript**, **HTML** and **CSS**, leveraging Google Cloud Platform APIs, including App Engine, Datastore and Translator.
- Practiced industry practices including Git and GitHub, code reviews and development

Google Mentorship and Development Program

Remote

Program Participant

Nov 2020 - May 2021

- Participated in CSSI: Online programming institute which including the CS fundamentals, collaboratively debugging and creation of various **Python** projects.
- Completed Data Structures & Algorithms Specialization course via Google Bridge.

Qingdao Electronic Computer Service Center Co., Ltd.

Qingdao, China

Data Analyst Assistant

June 2019 - Sept 2019

- Updated the data information in real time. Maintained the internal database. Ensured the accuracy of the customer analysis.
- Systematically maintained projects progress and revisions in an agile environment.

PROJECTS

A Comparative Study of Imputation Techniques On COVID-19 Infection Detection

Undergraduate Research

- Used **Python** to propose Machine Learning model and imputation method pairs to improve the accuracy of COVID-19 infection detection based on routine blood exam.

COVID-19 Mortality Prediction with Machine Learning

Undergraduate Research

- Used **Python** to implement Machine Learning models that predict potential patients under the risk of death 10 days in advance.

ACTIVITIES AND LEADERSHIP

- Senator of [SACNAS QCC Chapter](#)
- [Student Mentor of Data Science Lab for Undergraduate Research at QCC](#)
- Member of [Phi Theta Kappa Honor Society](#)
- Volunteer of [New York Cares](#)
- [Volunteer of Northeast Big Data Innovation Hub](#)

SELECTED GRANTS AND HONORS

- [CUNY Research Scholarship Program](#) Fall 2020 - Summer 2021
- [Dean's List of Queensborough Community College](#) Spring 2021