# RYUMA NAKAHATA

107 Park Ave, Harrison NY 10528 | (646)705-7822 | nakahataryuma@gmail.com | linkedin.com/in/ryuma521

## EDUCATION

**Binghamton University, SUNY | Harpur College of Arts and Sciences**                **Binghamton, NY**
*Bachelor of Arts in Mathematical Science*                                                       *Expected May 2023*
> Cumulative GPA: 3.90/4.00 | Dean's List: Fall 2020, Spring 2021, Fall 2021, Spring 2022
> Pi Mu Epsilon Mathematical Honor Society

**Syracuse University Project Advance**                                                          **Syracuse, NY**
*Computer Science and Mathematics Concentration*                                       *September 2018 - June 2020*
> Cumulative GPA: 4.00/4.00

## TECHNICAL SKILLS

**CS Languages:** Java, JavaScript, Python, C, C++, HTML/CSS, SQL, PHP, Assembly
**Frameworks and Tools:** Keras, Tensorflow, Bootstrap, MySQL, jQuery, React JS, Node JS, Git, Microsoft Office, G-Suite
**Related Course:** Algorithms & Data Structures, Programming & Hardware Fundamentals, Front-End Web Development, Text Analysis with Python, Deep Learning for Computer Vision, Probability with Statistical Methods, Combinatorics, Graph Theory

## PROJECT EXPERIENCE

**TextNet Chat Application**                                                                     **Harrison, NY**
*Fullstack Developer*                                                                        *December 2021 - January 2022*
- Developed group and one-to-one chat application with client-server architecture using React JS, Node JS, Express and SQL database. The program asynchronously fetches JSON data from the server to be displayed on the user UI
- Registered users can access prior conversations, create and delete chats, and execute real-time communication with other users. Program features notification systems, appropriate time stamps, and message delivery statuses

**Text Analysis of Music Reviews Using Python**                                         **Binghamton, NY**
*Academic Project*                                                                            *June 2021 - August 2021*
- Tokenize and lemmatize a series of music reviews to create a document-term matrix weighted by the tf-idf values
- The matrix provided a comprehensive sentiment analysis of each genre, which was used to write a report

**GameWeb**                                                                                      **Harrison, NY**
*Fullstack Game Developer*                                                                     *Febuary 2021 - April 2021*
- Developed a RESTful website that implements SQL database, using Javascript, HTML/CSS, and PHP. The website allows users to register and log in, with cryptographic hash salting when storing data
- Users can access an exclusive web game called Hitman; a top down shooter game using JS game framework, Phaser 3. The game communicates with SQL to retrieve and update users game data and the leaderboard

**Library Book Checkout System**                                                           **Binghamton, NY**
*Team Member*                                                                              *November 2020 - December 2020*
- Developed a library GUI using python that allows users to checkout, return, add, borrow, and search books connected to a central database. Users can register or remove patron membership and examine the transaction history, the book collections, and the list of patrons

## LEADERSHIP EXPERIENCE

**Binghamton University Japanese Association**                                            **Binghamton, NY**
*Vice President*                                                                               *May 2022 - Present*
**Binghamton University Japanese Association**                                            **Binghamton, NY**
*Cultural Chair*                                                                           *September 2020 - May 2022*
- Worked alongside three executive board members to organize biweekly events aimed to promote Japanese culture
- Held weekly meetings to conduct extensive research on the cultural, social, and financial details of each event
- Perform cultural presentations about the event theme and delegate tasks to board members during the event

## WORK EXPERIENCE

**Uber Technologies, Inc.**                                                                       **New York, NY**
*Contract Delivery Driver*                                                                    *July 2020 - Present*
- Navigate through Westchester County and NYC to make on-time deliveries and provide superb customer service
- Communicate with customers about any necessary changes due to traffic delays and requests for unavailable items

**Kumon Math and Reading Center**                                                          **Mamaroneck, NY**
*Kumon Tutor*                                                                              *December 2020 - Febuary 2021*
- Instructed and explained mathematics and English to children of all ages in a professional and friendly demeanor
- Graded and recorded tests, classwork, and homework to assist the workload of teaching staff

**Harrison Recreation Department**                                                          **Harrison, NY**
*Head Counselor*                                                                             *July 2019 - August 2019*
- Coordinated and supervised activities for 31 kids and 7 CITs while maintaining an inclusive and a safe environment
- Reported major incidents to the camp director and the involved children in a professional and collected manner