

# Nelofer Arjumand

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## EDUCATION

### University of Illinois at Urbana-Champaign

Master's in Computer Science

Champaign, IL

Expected December 2023

### University of Illinois at Chicago

B.S Bioengineering, GPA 3.6/4.0

Minor in Computer Science: Data Structures, Software Design, and Machine Learning

Chicago, IL

December 2020

## EXPERIENCE

### We All Code

August 2022 – Present

Teaching Assistant

- Teaching assistant that delivered materials focused on the basics of computer science in Python and JS.
- Acted as the first line of support for the classroom instructor and supported five teaching assistants.

### Center for Bioinformatics and Quantitative Biology

October 2020 – January 2021

Research Intern

- Designed a predictive model for earlier prognosis and prevention of Gestational Diabetes Mellitus.
- Analyzed electronic medical records, tested, and evaluated various classification models to develop a model with an accuracy of 94%.

### University of Illinois at Chicago

August 2019 – December 2020

Computer Support Specialist

- Diagnosed and resolved issues related to VPN access, locked/suspended accounts, and wireless network issues.
- Resolved over 300 tickets, assisting university employees and students with an average resolution time of 30 minutes.

## ACTIVITIES

### JPMorgan Chase & Co.

October 2022

Code For Good Hackathon

- Developed a web application in 24 hours for the non-profit organization UtmostU. The app solves the organization's need to increase user engagement and usability.

### Collegiate Leadership Institute

September 2022

Society of Women in Engineering Member

- Selected to participate in a program dedicated to identifying and preparing students to become leaders in STEM.
- Analyzed strengths and limitations of leadership styles. Strengthen listening, feedback, problem-solving, and public speaking skills.

### Lyft

August 2022

Back-End Engineering Virtual Experience

- Participated in a program led by Lyft's engineering team, to redesign Lyft's rental car servicing codebase to be easily extensible. Developed a new functionality component using test-driven development.

## NOTABLE PROJECTS

### Yelp-Like Application (Express, Node.js, MongoDB, JavaScript, Authentication)

- Leveraged knowledge of full stack development, to create a JS application using Express and MongoDB. Implemented yelp-like functionalities which allows users to add restaurants, and login to leave reviews.

### Spotify to YouTube Playlist Convertor (python, SpotifyAPI, OAuth)

- Developed a python application which converts user's Spotify playlists and adds them to their YouTube music library.
- Used the Spotify API to retrieve account data and created search queries used by YTmusic API to add tracks to the YouTube playlist.

## SKILLS

- **Languages:** Java, JavaScript, Python, C++, HTML/CSS
- **Machine Learning Libraries:** Pandas, NumPy, Matplotlib, Seaborn, scikit-learn
- Knowledge in Agile Software Development, Object Oriented Programming, SQL, Unit Testing

## HONORS/ACHIEVEMENTS

- Awarded UIC's Excellence Scholarship
- Magna Cum Laude/Latin Honors
- Dean's List, College of Engineering
- Recipient of Collegiate Leadership scholarship