

 Boston, MA  
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# Yi Jiang

Available: June - December 2021

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## Education

**Northeastern University** Boston, MA  
**Khoury College of Computer Sciences**

Sep 2019 - Present (May 2023)

- **Degree:** Candidate for BSc in Computer Science | Minor: Business Analytics
- **Honors:** GPA: 3.46/4.0 | Dean's Scholarship
- **Relevant Courses:** Algorithms & Data | Database Design | Object-Oriented Design | Computer Systems Foundations of Data Science | Mathematics of Data Models | Fundamentals of Information Analytics Machine Learning and Data Mining 1 | Foundations of Cybersecurity | Discrete Structures

**Mt Lebanon High School** Pittsburgh, PA

Sep 2015 - May 2019

- **Honors:** GPA: 3.9/4.0 | AP Scholar with Distinction | QuestBridge NCM Finalist CMU SUCCEED | National Honor Society | Cum Laude Society
- **Relevant Courses:** AP Computer Science A | AP Statistics | AP Calculus BC | AP Physics C: Mechanics AP Physics C: E & M | AP Psychology | AP Environmental Science | AP Chemistry

## Skills & Knowledge

**Languages:** Proficient: Python, Java, SQL, HTML, CSS  
Familiar: JavaScript, LaTeX  
Explored: C, MIPS Assembly, Racket, Visual Basic

**Technologies:** Git, Linux/Ubuntu, Windows, Powershell, Jupyter Notebook, Tableau, Excel, VS Code, IntelliJ IDEA

## Work Experience

**Teaching Assistant** CS 2810

Jan 2021 - Present (Apr 2021)

Khoury College of Computer Sciences Boston, MA

- Hold weekly office hours for a course of 300+ students
- Assess students and provide feedback to promote academic success

**Resident Assistant** Housing and Residential Life

Aug 2020 - Present (May 2021)

Northeastern University Boston, MA

- Serve as a leader, role model, peer counselor, and advocate for 400+ student residents
- Develop an environment conducive to social belonging and personal growth
- Uphold community health and safety standards, especially during a pandemic

**Office Assistant** Center for Spirituality, Dialogue, and Service

Jan 2020 - Aug 2020

Northeastern University Boston, MA

- Coordinated administrative tasks and boosted office productivity

## Projects

**ThanosBot** (Personal) - Python, SQLite

Apr 2018 - Present

- Built a Discord bot with several Python packages to help manage and moderate a large server of 100,000+ members
- Utilized SQLite database to store and retrieve user information

**FakeNewsDetector** (Group) - NumPy, Pandas, Scikit-learn, SciPy, Plotly Express, Seaborn

Jun 2020

- Utilized k-NN, Multinomial NB, and Decision Tree supervised learning to classify fake news and real news
- Optimized hyperparameters using Gridsearch and achieved cross-validation mean accuracy of 93%
- Analyzed and visualized characteristics of fake news and real news articles' attributes

**DataBaste** (Group) - Java, Python, MySQL

Dec 2020

- Built a recipe search application allowing for greater culinary exploration
- Scraped data from recipe websites and designed data tables using MySQL database
- Developed back-end API using JDBC and integrated it with front-end Java Swing GUI