

## ROBERT YIN

Based in Boston, MA.  
Available for January 2021.  
References available upon request.

✉ yin.rob@northeastern.edu  
☎ 731-267-7853  
🔗 bobertoyin.github.io

## SKILLS

### Languages

Python  
Java  
CSS  
Markdown  
Terraform  
Puppet  
Emoji

### Systems and Software

Git  
Unix  
Agile/Scrum  
CI/CD  
Jupyter Notebook  
Docker  
Kubernetes  
Google Cloud

### Libraries and Frameworks

Flask  
Jekyll  
Scikit-learn  
Pandas  
NumPy  
Seaborn  
NLTK

## PERSONAL INTERESTS

Cooking  
Skateboarding  
Computer Keyboards

## EDUCATION

### Candidate for B.S. in Computer Science at Northeastern University Khoury College of Computer Sciences, A.I. Concentration

#### Boston, MA

September 2019 – Present (Expected May 2023)

Honors: 3.67 GPA, Dean's List (Fall '19, Spring '20)

Coursework: Software Development, Machine Learning and Data Mining I, Algorithms, Object-Oriented Design, Intro to Data Science, Mathematics of Data Models, Discrete Structures

## EXPERIENCE

### Software Engineering Co-op at Wayfair

#### Boston, MA

January 2021 – August 2021

Implemented DevOps practices to maintain and improve CI/CD platform for thousands of engineers. Completed and created tasks and goals with teammates using the Scrum/Agile framework. Developed communication workflows and a ChatOps bot to automate deploy troubleshooting. Built an internal decoupled web service to uncover hidden toil in troubleshooting requests.

### Teaching Assistant at Northeastern University

#### Boston, MA

September 2020 – December 2021

Guided office hours to review key concepts for the Discrete Structures course for dozens of students. Graded a score problem sets and exams on a weekly basis.

### WordPress Development Intern at TestFirst Lawn Care

#### Jackson, TN

January 2019 – August 2019

Developed the site's back-end to allow dozens of users to view and understand soil test results. Wrote code in PHP, HTML, and MySQL while communicating with a front-end developer.

## PROJECTS

### Spotify Song Genre Prediction

*Machine Learning and Data Mining I*

Collaborated with two partners to train, cross-validate, and test three classification algorithms to classify genres of Spotify songs based on auditory features. Built using the Scikit-learn, Pandas, and Seaborn Python libraries in a Jupyter Notebook environment.

### Portfolio Site

*Personal Project*

Chock-full of emojis and whatnot, along with plenty of Markdown files. Built using the Jekyll static site generator and designed with custom SCSS and HTML.

### ExCELLence Animator

*Object-Oriented Design*

Collaborated with a partner to build a simple cel animator with the ability to view, edit, and export. Developed using the Java Swing GUI library and MVC design principles.