

ROBERT YIN

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

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SKILLS

Languages

Python
Docker
Java
Terraform
Puppet
HTML5
CSS
Racket
Go
Emoji

Systems and Software

Visual Studio Code
Git(hub)
*nix
Kanban
Docker
Kubernetes
CI/CD
IntelliJ IDEA
Jupyter Notebook
Google Cloud

Libraries

Flask
Scikit-learn
Pandas
NLTK

PERSONAL INTERESTS

Cooking
Skateboarding
Photography
Computer Keyboards

EDUCATION

Candidate for B.S. in Computer Science at Northeastern University Boston, MA

Khoury College of Computer Sciences, Artificial Intelligence Concentration
September 2019 – Present (Expected May 2023)

Honors: 3.72 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

Teaching Assistant at Northeastern University Boston, MA

September 2020 – Present

Organized office hours to reinforce and review key discrete math concepts weekly for a course with 900+ students enrolled.

Graded 30+ problem sets and exams on a weekly basis.

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.

WordPress Development Intern at TestFirst Lawn Care Jackson, TN

January 2019 – August 2019

Developed back-end functionality for a WordPress site that allowed dozens of users to comprehensively view soil tests results to better understand what products they needed for their lawn.

Wrote code in PHP, HTML, and MySQL while communicating with a front-end developer on what features needed to be implemented on the site.

PROJECTS

Minimalist Portfolio Site

September 2021 – Present

Static HTML, JavaScript, and CSS site hosted using Github's portfolio feature.

Juxtaposed minimalist design principles with modern web design elements and features.

Spotify Song Genre Prediction with Machine Learning

May 2020 – July 2020

Collaborated with a partner to train and test various classification algorithms to classify various Spotify songs as one of six pre-selected genres.

Developed using the Scikit-learn and Pandas libraries in a Jupyter Notebook environment.

ExCELLence Animator

May 2020 – July 2020

Collaborated with a partner to build a software project that allowed users to view, edit, and export animations of geometric shapes.

Developed using the Java Swing GUI library and MVC design principles.