

Max Pinheiro

maxpinheiro.github.io | (610) 425-7052 | pinheiro.m@northeastern.edu | Boston, MA | Available Jan - July 2021

Education

Northeastern University, Boston, MA

Sept 2019 - Present

Khoury College of Computer Sciences

Candidate for a Bachelor of Science in Computer Science

Anticipated May 2023

Honors: Dean's List, GPA: 3.94 / 4.0

Related Courses: Web Development, Artificial Intelligence, Algorithms and Data,
Object-Oriented Design, Mathematics of Data Models, Discrete Structures

Technical Skills

Frontend Development: HTML, CSS, JS/Typescript, React/Redux, Angular, jQuery, Ajax, Bootstrap

Backend Development: Express, Node, MongoDB/Mongoose, MySQL, JPA, Spring Boot

Machine Learning: Python, PyTorch, TensorFlow, Scikit-learn, Pandas, Numpy, R, ml.js

Misc: Java, Racket, LaTeX, Git, JetBrains IDEs, Visual Studio Code, Eclipse, Photoshop, Illustrator

Personal Projects

A-Eye | a-eye.sandboxnu.com

Aug 2020 - Present

- Interactive computer vision modules developed for Northeastern's "Your Eye and AI" course
- Built with Express.js, React, TypeScript, AWS, and ml.js

Spotify Visualizer | github.com/maxpinheiro/spotify-visualizer

April 2020 - Present

- Web app that creates audio-responsive visualizations linked to Spotify users' current playback
- Created TensorFlow.js software to classify song genres by audio features (energy, tempo, etc.)
- Built with Express, HTML, Bootstrap, and Spotify's Web API

Figure Skating Score Calculator | maxpinheiro.github.io/fs-calculator

March 2020

- Web app for easily calculating figure skating program scores with IJS scoring system
- Built with HTML, CSS, and JS

Related Experience

Sandbox, Boston, MA

Sept 2020 - Present

Software Developer

- Developer on Sandbox, Northeastern's student-led software consultancy
- Build client-based and community-based software for Northeastern clients

Code Ninjas, Downingtown, PA

May 2020 - Sept 2020

Instructor and Mentor

- Taught introductory programming skills to children aged 7-14
- Oversaw and instructed several programmers as they developed software

Coding Club, Aston, PA

Sept 2017 - June 2019

Club Founder and President

- Created and led high school club to provide students with more opportunities to learn how to code
- Taught introductory programming skills and intermediate web development skills to other students
- Led and assisted on other students' software projects

Extracurriculars

Figure Skating: figure skated competitively for 9 years, member of Northeastern's figure skating team

Interests: web development, graphic design, AI, cooking, dance