

# Max Pinheiro

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

## Education

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**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: 3.92 / 4.0  
**Related Courses:** Web Development\*, Artificial Intelligence\*, Algorithms and Data\*, \* currently enrolled  
Object-Oriented Design, Mathematics of Data Models, Discrete Structures

## Technical Skills

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**Web Development:** HTML, CSS, JS / Typescript, React, Angular, Express, Node, jQuery, Ajax, Bootstrap  
**Machine Learning:** Python, TensorFlow, Scikit-learn, Pandas, Numpy, R, ml.js  
**Misc:** Java, Racket, LaTeX, Git, JetBrains IDEs, Visual Studio Code, Eclipse, Photoshop, Illustrator

## Projects

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**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

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**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

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**Figure Skating:** figure skated competitively for 9 years, member of Northeastern's figure skating team  
**Interests:** web development, graphic design, AI, cooking, dance