

Santiago Donadio

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EDUCATION

Worcester State University

Worcester, MA

Bachelor of Science in Computer Science, Concentration in Software Development

Aug. 2022 – May 2026

- Upsilon Pi Epsilon Member - International Honor Society for the Computing and Information Disciplines
- Programming with Santiago - A personal blog covering a wide range of programming topics.

PROJECTS

Facing 2025 World Series MVP: Yoshinobu Yamamoto

- **Technologies:** HTML, CSS, and JavaScript
- **Tools and Environment:** React, Visual Studio Code, GitHub and deployed on Vercel
- **Description:** User selects a pitch type and zone in the strike zone to see if they would get a hit against pitcher Yamamoto. Incorporates real pitch selection data for each pitch being thrown. Displays hits, total swings, and batting average.
- **Inspiration:** While watching the World Series, LA Dodgers pitcher, Yoshinobu Yamamoto's was truly dominant. This is due to his large extensive pitch selection of six pitches. I built a pitching simulator to show how challenging it was to get a hit off of him.

Hexadecimal ASCII Translation

- **Technologies:** HTML, CSS, and JavaScript
- **Tools and Environment:** GitHub, React, Visual Studio Code, and deployed on Vercel
- **Description:** Translates English characters and words into their hexadecimal ASCII values.
- **Inspiration:** A scene come on in *The Martian* where Matt Damon's character utilized an ASCII table to translate NASA's message. As a Computer Science major, I thought this was very cool and wanted to give a try coding a Hex ASCII Translator.

Magic 8 Ball

- **Technologies:** HTML, CSS, and JavaScript
- **Tools and Environment:** Visual Studio Code, GitHub, and deployed on GitHub Pages
- **Description:** A magic 8 ball that when clicked will shake and then displays one of twenty possible responses.
- **Inspiration:** While watching *Friends*, a scene came on when they were using a magic 8 ball. I thought it would be a cool beginner experience to bring it to life with code.

TECHNICAL SKILLS

Languages: Java, Python, SQL (MySQL), JavaScript, HTML/CSS, R

Frameworks and Libraries: React

Developer Tools: Git, Docker, Visual Studio Code

WORLD LANGUAGES

- **English:** Fluent
- **Spanish:** Proficient