

# Santiago Donadio

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## EDUCATION

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### 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

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### Facing the 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 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 came 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 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:** When clicked, a magic 8 ball will shake and then display 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 project to bring it to life with code.

## TECHNICAL SKILLS

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

**Frameworks and Libraries:** React

**Developer Tools:** Git, Docker, Visual Studio Code

## WORLD LANGUAGES

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