Santiago Donadio

339-241-9039 | santiagohdonadio@icloud.com
LinkedIn: Santiago Donadio | GitHub: Santiago Donadio

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

Independent: 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.

Independent: 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.

University: Predictive Modeling and Data Mining - A Deeper Look Inside Tech Jobs

- **Tools and Technologies**: Kaggle, R, RStudio, WEKA
- **Data**: Found a dataset and begin preprocessing the data.
- **Data Mining**: I created visualizations for categorical attributes, performed statistical analysis on numeric attributes, and used machine learning for predictive modeling to validate the data.
- **Description**: This school project involved working with real-world data, preprocessing it, and applying data mining techniques to validate and extract insights.
- **Inspiration**: Going into a technology career, I wanted to explore the factors that influence job satisfaction and identify any possible correlations with happiness.

Technical Skills

Languages: Java, Python, SQL (MySQL), JavaScript, HTML/CSS, and R.
Libraries: React
Developer Tools: Git, Docker, Visual Studio Code, RStudio, and WEKA.

World Languages

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