

DANE SANTOS

dfsantos.dev@gmail.com — linkedin.com/in/dfsantos-dev — github.com/dfsantos-source — Greater Boston, MA

EDUCATION

B.S. Computer Science: University of Massachusetts Amherst

Expected Spring 2023

GPA: 3.98

Relevant Coursework: Data Structures, Introduction to Computation, Programming Methodology, Computer Science Principles, Introduction to Problem Solving with Computers

EXPERIENCE

RSA Security

May 2021 - Aug 2021

Software Engineering Intern

Remote

- Re-designed REST APIs for cloud tokens, making them more modular and concise for scalability and reusability.
- Worked with the front end user interface with Javascript web page functionality, event handling, CSS styling, Bootstrap using Angular.js
- Created and updated MySQL and SQL scripts to streamline database migrations to support new data fields.
- Improved and optimized front-end UI code for clarity reducing potential problems for admin actions.

Interactiva Studios LLC

December 2020 - February 2021

Software Mentorship

Remote

- Implemented a batch mode for a rendering tool project in C# to maximize productivity and get projects off the ground faster in Unity.
- Optimized a rendering tool to minimize the number of textures wasted to improve system performance for project development.
- Learned how to work cooperatively in a team-based environment to communicate effectively, and presented new features and ideas at project deadlines and checkpoints.

SKILLS

Languages

Java, Javascript, HTML, CSS, C, Python, SQL

Technologies/Tools

Git, Agile, Scrum, Unix/Linux, Jenkins CI/CD, Jira, REST API, React, Bootstrap, IntelliJ

PROJECTS

Speech Recognition Assistant (Python/REST API)

Constructed a speech recognition application built in Python that converts speech to text and vice-versa for daily-use by building a response from user input.

- Incorporated a phrase detection algorithm and geocoder library to display a specific output for the user.
- Implemented Google Calendar API for date and event retrieval and OpenWeatherMap API for current weather updates.
- Learned about the use of REST APIs, integrating API keys, and data retrieval from a JSON response.

Portfolio Website (HTML/CSS/Javascript/React)

danasantos.me

Developed a personal website built using React currently hosted on Surge.sh.

- Developed an aesthetically pleasing front-end, using React for component-based design.
- Created and deployed by using Node Package Manager as a build tool, incorporated Surge.sh for web-hosting, and Namecheap.com for domain-hosting.
- Learned about web development with a focus on Javascript libraries, front-end user interfaces, component-based design, styling, and formatting.