

DANE SANTOS

dsantos@umass.edu / 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: 4.00

Awards: Dean's List: Fall 2019, Spring 2020 — Abigail Adams Scholarship 2019

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

EMPLOYMENT

Waitstaff/Table Service

July 2017 - August 2019

Rivercourt Residences

Groton, MA

- Provided exceptional care and service for the elderly.
- Gained experience in a professional work environment, as well as a leadership position by training other employees on technical and customer service skills.
- Learned how to communicate effectively, work cooperatively with a team, and provide exemplary customer service.

SKILLS

Languages Java, C, Python, Javascript, HTML, CSS

Technologies Git, Unix, Linux, Django, React, JSX, Bootstrap

PROJECTS

Speech Recognition Assistant (Python)

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 user authentication and security from implementation of API keys as well as data retrieval from a json response.

Sharendar (HTML/CSS/Django Framework)

Collaborating with three others on a calendar web application, currently in development using Django Framework.

- Optimized login functionality by strengthening user authentication in the back-end.
- Implemented user based calendar events in the back end and front end, improved front end visibility using Bootstrap framework.
- Learned about back-end web development with topics including data security, login and logout functionality, permissions, user registration, and CRUD Data.

Task Manager (HTML/CSS/Django Framework)

Developed a task manager web application built using Django Framework that keeps track of events to be done from the user.

- Developed an aesthetically pleasing front-end user interface using CSS.
- Implemented a login and logout page, registration page, and home page, using class-based and function-based views, inheritance of templates, and user-based permissions.
- Learned about web development with a focus on front-end user interfaces and design, styling, and formatting.