
Alvaro Reynoso

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Summary

Computer Science student seeking an internship to improve software engineering skills utilizing relevant experience and problem solving skills.

Education

Northwestern University in Evanston, IL

Expected 2024

Major: Computer Science

Minor: Business Institutions

Relevant Courses: Data Structures and Algorithms, Systems Programming in C and x86 Assembly, Mathematical Foundations of Comp Science (Discrete Mathematics)

Skills

Programming Languages: Python, C, C++, JavaScript, HTML, CSS

Relevant CS Skills: Git, Github

Special: Fluent in Spanish

Experience

Personal Portfolio Website

Summer 2022

Description: (HTML, CSS, Javascript) Created a personal website to present the programming languages I am familiar with, personal projects, projects made in school, and my contact information. The page contains various interactive elements and is adaptive to window size.

Website link: alvaro-regu.github.io

Trip Planning API

Spring 2022

Description: (DSSL2) Developed a map app API which stores map data such as points of interest and roads. Additionally, there are multiple tools like a point of interest (POI) finder which gives the locations of POI by category (e.g. food, bar, school), a route planner which gives the directions to a POI given the start location and the name of the POI, and a nearby POI searcher which returns the nearby POI names and locations given a customizable POI category and range.

Process: Utilized multiple data structures like hashtables, maps, and dictionaries in combination with different algorithms like Dijkstra's algorithm to create an efficient map API.

Music Recommendation

Fall 2020

Description: (Python) Wrote a program that allows the user to input liked genres and artists to receive a music recommendation list including song names, artists, and album name and image. If the user likes the list, he can email it to himself which would also include links to the songs to listen on spotify.

SHPE Executive Board Member

Fall 2022

Executive board member of the Society of Hispanic Professional Engineers at Northwestern University. Along with other members, I oversee the mentorship program as well as developing and maintaining the SHPE Northwestern website.