

Jose Julian Sanchez Alarcon

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EDUCATION

University of Maryland College Park

Computer Science Bachelor's Degree GPA: 3.63/4

Sept 2020 - Aug, 2023

College Park, MD

WORK EXPERIENCE

Software Engineer Intern

stackArmor, Inc

June 2022 – Aug 2022

Tysons VA

- Created and configured new DNS entries on AWS Route 53 to enable the entire engineering department to access testing environments.
- Collaborated with another developer to create a Github Actions workflow that measured the dependency installation time on each pull request in order to monitor and optimize the build process.
- Made a composite Github action that uses the AWS CLI to upload front-end files to an S3 bucket and invalidate Cloudfront cache to streamline deployment.

CMSC 216 Teacher Assistant

Introduction to Computer Systems

Jan 2021 – May 2021

College Park, MD

- Provided remote guidance to students struggling with specific C programming topics such as pointers, memory management, and file I/O.
- Evaluated student weekly assignments, projects, and exams, ensuring fair and consistent grading to a class of 40.
- Worked as a team to deliver lectures with the other class TAs when the professor wasn't able.

PERSONAL PROJECTS

MyMovieRecomendation

[Github Repository](#)

- Developed a responsive dynamic user interface that gets information from a Node JS and Express JS back-end to recommend the movies based on the user selection logic..
- Built a movie database using MongoDB and AWS e3 buckets to store movie details and mass storage of low and high quality movie posters (bucket).

SKILLS

- Experience in Javascript, Python, Java, C, HTML, CSS and Swift
- Experience with Express JS, NodeJS, Amazon AWS, MongoDB, Git and OpenCV
- Great at teamwork and communication, Bilingual(Fluent in Spanish and English)