Audaris 'Audi' Blades

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Work Experience

Dominican University of California | Teaching Assistant
Spring 2020 – Present | San Francisco, CA / Remote
- Assist students with core programming principles and data structures
- Hold concept clarification groups and office hours.
- Grade student assignments and provide feedback.

Discovery Inc. | IT Cloud Solutions Intern - Global Technology and Operations
Jan 2019 – Jul 2019 | Knoxville, TN
- Create Infrastructure as code (IaC) templates in AWS - CloudFormation and HashiCorp - Terraform.
- Write AWS - Lambda scripts that detect S3 bucket operations.
- Utilize Apple - Turicreate machine learning platform to generate graphs that gauge the efficiency of object detection models.

Pershing and Yoakely Associates (PYA) | IT Advisory Intern
Apr 2018 – Mar 2019 | Knoxville, TN
- Develop crosswalks in excel using data from multiple security frameworks.
- Assist with security audits and report development.
- Create risk assessment reports.
- Conduct email phishing campaigns for clients.

Projects

Portfolio Website | Javascript, React
www.ablades.dev
Built using create-react-app. Houses all my projects and ideas. (WIP)
- Utilizes React library for declarative views and custom components.

Relevant for Reddit | Golang, MongoDB, Javascript, React/Redux, Reddit API
www.rr.ablades.dev
Reddit application that works like google alerts. Enables users to tie words to subreddits and receive notifications anytime they are used.
- Daemon that utilizes custom tree data structure for keyword and subreddit parsing.
- Golang for all routing middleware and server side architecture.
- React for components and all frontend styling.
- Redux for handling local storage and updates to keywords.

Tweet Generator | Python, Flask, MongoDB, Bootstrap
www.generator.ablades.dev
App that generates realistic sounding sentences.
- Built wiki web scrapper to parse character scripts from 8 seasons of a TV show.
- Utilize Markov Chain language processing to store and choose words based on probability.
- Flask Micro-framework to build server side architecture.

Education

Dominican University of California | BS in Applied Computer Science
Expected Aug 2021 | San Francisco, CA

Technical Skills

Programming
Proficient:
- Golang • Python • C++ • Java • HTML & CSS

Familiar:
- C# • Javascript

Frameworks & Libraries
- React
- Flask
- Django
- Bootstrap