Audaris 'Audi' Blades

www.ablades.dev | github.com/ablades | audaris@gmail.com | 615-424-1687

Education

Dominican University of California | Senior | B.S. in Applied Computer Science
Expected May 2021 | San Francisco, CA / Remote

Work Experience

Dominican University of California | Teaching/Curriculum Assistant
Mar 2020 – Present |San Francisco, CA / Remote
- Clarify and explain core computer science concepts to students during office hours.
- Grade student assignments and provide feedback.
- Improve and tweak existing curriculum.

Discovery Inc. | IT Cloud Solutions Intern - Global Technology and Operations
Jan 2019 – Jul 2019 | Knoxville, TN
- Created AWS - Lambda scripts that detect S3 bucket operations.
- Built Infrastructure as Code(IaC) templates using AWS - CloudFormation and HashiCorp - Terraform.
- Generated graphs to gauge the efficiency of object detection models made with the Turi Create Machine Learning Platform.

Pershing and Yoakely Associates (PYA) | IT Advisory Intern
Apr 2018 – Mar 2019 | Knoxville, TN
- Map crosswalks in Excel using data from multiple security frameworks.
- Create risk assessment and security audit reports.
- Conduct client Cybersecurity literacy phishing campaigns.

Projects

Relevant | Golang, MongoDB, Javascript, React/Redux, Docker
github.com/ablades/relevantreddit (Active Project) Web App that generates custom alerts via keyword monitoring for Reddit.
- Implemented a custom prefix tree data structure for keyword parsing, and relational storage.
- Creating a Daemon process that handles user notification and monitors subreddits for keywords using go-routines, channels.
- Developing all Server-side architecture (REST API, Middleware, Daemon) in Golang.
- Utilizing React, Redux and Redux-Thunk to handle UI, local storage, CRUD operations and asynchronous function calls.

Markov Sentence Generator | Python, Flask, MongoDB, Bootstrap, Heroku
generator.ablades.dev Application that generates sentences using a probability based Markov model.
- Built a wiki web scraper that gathers and parses episode scripts by character for all 8 seasons of a TV show.
- Creates Markov Chains for each character that allows for sentence generation.
- Stores favorite sentences by character in a Mongo Database.

Portfolio Website | ReactJS
www.ablades.dev (Active Project) Created using React Hooks (functional components) and hosted on GitHub Pages.

Skills

Programming
Proficient: • Golang • Python • C++ • HTML & CSS
Familiar: • Rust • Javascript

Frameworks & Libraries
React, Flask, Django, Bootstrap, Echo