

Audaris 'Audi' Blades

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EDUCATION

Dominican University of California | SENIOR | B.S. IN APPLIED COMPUTER SCIENCE

Expected Aug 2021 | San Francisco, CA / Remote

WORK EXPERIENCE

Dominican University of California | TEACHING/CURRICULUM ASSISTANT

Spring 2020 – Present | San Francisco, CA / Remote

- Hold office hours and concept clarification meetings for students.
- Grade student assignments and provide feedback.
- Help improve 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.

Tweet 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