Dahna Ahn

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Technical Skills

Languages: Python, JavaScript, SQL
Skills: Django4, RabbitMQ, PostgreSQL, MongoDB, Fast API , React, DOM manipulation, WebSockets, React Hooks, Redux Toolkit, HTML5, CSS

Education

Hack Reactor, *Advanced Software Engineering Certificate*   2023
University of California, Santa Barbara, *Biology, Pre-Med*   2016-2018

Personal Projects

Pawgress | pawgress.gitlab.io/pawgress/   2023
Created a full-stack application with a team of three for a pet boarding and training facility
- Designed back-end API flows to dictate the user experience for customers, trainers, and engineers utilizing **FastAPI**
- Curated customer and trainer front-end user experience using **React** and **Tailwind** for their respective user interfaces
- Implemented **JSON Web Tokens** utilizing **FastAPI** to ensure authorization to the user's respective roles
- Deployed the application on **Galvanize Cloud** and **GitLab CI/CD** to review merge requests and pass pipeline tests

CarCar | github.com/dahnaahn3/CarCar   2023
Built a full-stack application as the platform for an automobile dealership to visualize employees, manage appointments, and log inventory
- Utilized **Django** to build an application with a **RESTful API** design paradigm that allows for seamless communication between front and back-end
- Designed the front-end components utilizing **React Router** to create a **SPA** for a clean user experience
- Implemented filter views and search function to allow users to view employees, appointments, and inventory

Conference GO React | github.com/dahnaahn3/fearless-frontend   2023
Application for trade show organizers to manage presentations, venues, and events
- Employed **Django** framework to link multiple application models to present useful information from third party APIs such as Pexels and Weather Map
- Utilized **RabbitMQ** to provide feedback of the status for presentations to their respective applicants
- Deployed via **Docker** utilizing a Docker-Compose file to route and unite multiple microservices from multiple virtual environments into a single application

Work Experience

RFRD Academy | *Dog Trainer*   2022-2023
- Analyzed dog behavior patterns to design a suite of training programs for varying dog breeds
- Observe dog and owner rapport to execute an order of training methods most conducive to their learning environments and patterns

KT Dragon Tattoo Studio | *Manager/Receptionist*   2020-2021
- Managed calendar schedules, expense reports, inventory, and social media accounts in the studio for four artists and three apprentices
- Planned and coordinated all details for out-of-state tattoo conventions including hotels, flights, inventory, transportation, and paperwork