Alison Walas Faes

F U L L - S T A C K   S O F T W A R E   E N G I N E E R

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EXPERIENCE

Carta
SOFTWARE ENGINEER II (OCT 2017 - APR 2020)

- Built, improved and maintained features using Python/Django backend and JSX/React/Redux frontend for the Investor Services team with a focus on the team's Fund Administration and LP Portal products

- Served on the team's on-call rotation to triage live issues and errors

Notable projects:

- **Partner Linking:** Developed an end-to-end, internal tool for linking data from Carta's monolith to the Fund Administration microservice in order to facilitate transactional metrics and quarterly reports for investment funds
  - UI ledger built with React, Redux and React-Saga
  - Thrift service to communicate RPC requests to the microservice
  - DAO layer on the monolith-side
  - Extensive data migration script to create over 80k Partner objects in the microservice database from the existing monolith data

- **Secondary Permissions:** Built a multi-layered permissioning system allowing users to invite 'secondary users' to access their account and control specific information the 'secondary users' can/cannot see on a per-fund level
  - Built invitation UI with Redux-Form and implemented strict validation
  - Used tokenized links in email invitations to connect new or existing accounts of secondary users to the permissioning object
  - For every view and API available for primary users to access, created a 'look-through' view and API which verified the secondary authorizations

Lilitofu
IOS FRONTEND INTERN (AUG 2017 - OCT 2017)

- Added new mobile features and functionality to enhance user profiles using Swift and XCode. Completed code reviews and testing

Streetside Stories
CONSULTANT (JUL 2017 - OCT 2017)

- Resolved design and formatting issues arising from upgrades and frequent changes to the company's WordPress website

Pre-Engineering Work History

Seagate Properties, Inc.
SENIOR ASSOCIATE (AUG 2012 - MAY 2017)

Servcorp USA
REGIONAL MANAGER/TEAM LEAD (NOV 2010 - JUL 2012)

Litton Loan Servicing, LP
CONTRACTS MANAGEMENT SPECIALIST II (APRIL 2007 - OCTOBER 2010)

EDUCATION

Web Development Immersive Program
General Assembly (2017)

Bachelor of Arts in Communications
Texas A&M University (2006)

SKILLS / LANGUAGES

JavaScript	Ajax
Python	Apache Thrift
Django	Kubernetes
React	Docker
Redux	Sentry
PostgreSQL	Datadog
Django REST Framework	JSX

PROJECTS

GridDog *(MongoDB, Express, Node, Javascript, Bootstrap)*
A full-stack app utilizing the Web Speech API to convert speech to text. A one-player, grid-based game controlled by voice commands.

GridDog game | GitHub Repo