

# AMMAR NASSRI

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## SKILLS

JavaScript, Python, React, Redux, Flask, HTML, CSS, Node.js, Express.js, SQL, PostgreSQL, Docker, Git, Heroku, Photoshop, Illustrator, Maya, Zbrush

## PROJECTS

### Deary (ReactJS, Redux, Python / Flask, SQLAlchemy, PostgreSQL, Amazon S3)

[live](#) | [github](#)

A social network app for the people you care about. Modeled after Facebook.

- Designed an intuitive and sleek post UI component utilizing **ReactJS**, **Redux** and **Flask**, that queries data from multiple tables and allows users to view and interact with multiple posts from their friend list.
- Integrated user authentication into the app with **CSRF protection** for **ReactJS** and **Flask**, validates and grants access to users upon successful login/sign up, as well as restores user session for an interrupted experience.
- Implemented an image upload system incorporating Amazon Simple Storage Service (**S3**) with **Flask**, provides a way for users to add photos to their posts and update their cover and profile photos while reducing server load.

### All-A-Bot (ReactJS, Redux, DiscordJS, Python / Flask, SQLAlchemy, PostgreSQL)

[live](#) | [github](#)

A custom Discord Bot generator app, no coding skills required.

- Spearheaded the **UI/UX** design using **HTML**, **CSS**, and parts of Material-UI to establish a unique, intuitive and smooth experience.
- Developed a dynamically generated bot rules viewer with **ReactJS** that reads a **JSON** string and interpolates it into a set of rules to make it easier to read and understand what bots do.
- Designed a set of rules for bot generation using **DiscordJS** that lets users incorporate into their generated bots so that they can remove and add roles to specific members on command.

### Aidies (ReactJS, Redux, ExpressJS, Sequelize, PostgreSQL)

[live](#) | [github](#)

Auction off unique pieces of work for charity. Modeled after Kickstarter.

- Created an intuitive campaign filtering system using **ExpressJS** and **ReactJS** for users' convenience.
- Engineered a campaign browser leveraging **ReactJS** powerful components to showcase the variety of campaigns with their deadlines properly formatted to a user friendly format.
- Built a create campaign page that also serves as an edit page utilizing a recyclable **ReactJs** component that makes it easy for users to create and edit campaigns while maintaining consistent styling throughout.

## EXPERIENCE

### Founder/Creative Director

Bear Regime Studios, LLC

Sep 2017 - May 2019

- Built 3D assets using Autodesk Maya and ZBrush that were imported into the Unity game engine.
- Designed corporate branding packages including logos, business cards and other marketing materials.
- Animated motion graphics for advertising that enhanced the customer's brand and presented their product.

### Multimedia Designer

OxBlue Corporation

May 2014 - Sep 2017

- Worked with the development team to optimize the **UI/UX** of OxBlue's photo app, based on user feedback, by providing mockups designed using **Photoshop** and **Illustrator**.
- Created 3D models of OxBlue's camera to showcase its new features and advertised it to potential clients.
- Produced time-lapse videos of clients' construction sites resulting in millions of dollars in new camera sales.

## EDUCATION

### Full Stack Web Development - App Academy

Nov 2020

1000-hour immersive full-stack web development intensive with <3% acceptance rate.

### MFA Animation - Savannah College of Art and Design

Spring 2014

### BS Communication and Computer Engineering - Arab International University

Spring 2010