Jon Klar

Full-stack Engineer

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PROJECTS

ARRR!SS-Feed — *A Full Stack RSS Reader*

- Quickly aggregates and searches webdata from 3rd party APIs by caching them on the client side, ensuring a light-weight backend built in Ruby on Rails

- Leverages React-Redux state control to push article queries client side, improving speed and scalability

- Implements browser localStorage to save user state and allow seamless UX from one session to the next

- Optimizes element responsiveness with CSS3 to ensure smooth element transitions and user expected responses to actions

Skelevania — *Javascript Game*

- Renders high quality sprite animations quickly by leveraging Easel.js

- User input logic ensures a smooth user experience

DOMinatr — *DOM Manipulation Library*

- A lightweight library that standardizes DOM manipulation using JavaScript across all browsers

EXPERIENCE

Agilent Technologies - Field Systems Engineer

July 2011 - September 2016

- Maximized customer uptime on over $10,000,000 worth of equipment through effective troubleshooting and timely preventative measures

- Convey highly technical processes like gas chromatography and mass spectrometry in a way that is understandable to users without technical backgrounds

- Manage 100+ customer relationships to ensure contract profitability and create sales leads in excess of $200,000 annually

EDUCATION

AppAcademy - *New York, New York*
October 2016 - January 2017

- 1000-hour immersive full-stack web development intensive that teaches full-stack web development: Rails, SQL, JS, React, TDD, algorithms, design patterns, and programming best practices.

Binghamton University - *Vestal, NY - BA - Chemistry, BA - Biology*
September 2005 - June 2009

SKILLS

Ruby

Ruby on Rails

JavaScript

jQuery

React.js

Flux (Redux)

SQL

Git

HTML

CSS

RSpec

Capybara