Grady Congdon

Software Engineer

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gradycongdon.github.io

Employment

Rocket Auto

Software Engineer   2020 – Present

Lead engineer on the RocketAuto.com frontend, which was developed as a greenfield SPA in Typescript, React, redux and the Spark Design System. Architected a move off a 3rd party Nuxt app & APIs to bring the development in-house

Rock Connections

Software Engineer   2017 – 2020

Advanced from frontend developer to a full-stack role. Developed several web projects using TypeScript, JS, React, Apex, php, Docker & AWS

- Worked extensively in Apex & Salesforce. Developed an email templating framework and lead ingestion API
- Created a call-recording frontend in JavaScript and mp3 transcoding backend in node.js. Currently in use by several partners, including Avis and Vroom

HIPR

Programmer / IT Specialist   2013 – 2017

Lead programmer and IT member for Ann Arbor, Chicago, Pittsburgh & Houston offices

- Created an I-9 Work Authorization Form submission app in the Meteor framework
- Developed an Optical Character Recognition (OCR) web app in php for automated legal document processing

Skiniotis Lab - University of Michigan

Lab Assistant   2012 – 2013

Captured images of proteins using a Tunneling Electron Microscope (TEM) and constructed 3D models using a computing cluster. Resulting paper published in *Nature*

Education

University of Michigan

Biology   2007 – 2012

Publications

Skiniotis Lab - University of Michigan

Nature - Volume 510   2014

Assisted on image processing for this paper which was published in Nature, the world's highest rated academic journal

Electronic Form Autofill Extension Plugin Subsystem Integrated with Web Browser, Cloud-Based Communication Platform and USCIS or USPTO E-Filing System

US Patent Office (Pending)   2015

Wrote Javascript code and drafted original patent proposal. Inventorship transfered to Bing-Yu Hsieh