Christopher J. Dimoulis

753 Persimmon St. DeKalb, IL 60115   **618-559-1226**
https://chrisdimoulis.com   **christopherjamesd@gmail.com**

Career History

Software Developer, Chassi   July 2018 - Feb 2020

Early stage employee. Primarily develop a React based micro frontend architecture platform served independently from the microservice based API. Adapt to pivots and priority changes as needed from customers or dictated by market.
- Add/update features for the independent single page applications.
- Maintain several Node.js packages containing our utility libraries and reusable components.
- Write tests for new software and increase coverage on existing software if lacking. Typically test driven development.
- Plan API changes for usability updates and new features.
- Integrate Metabase into our application and add custom visualizations with d3.js
- Technologies Used: React.js, Redux, Node.js, d3.js, SQL.

Owner & Software Developer, Thoughtfront, Inc. (Personal Corporation for contract work)   Jan 2018 - Present

Technical consultations, modernization of outdated software, prototype startup applications/develop MVPs.
- Perform business analysis on 3rd party databases.
- Migrate old features to new platforms.
- Technologies: React, Redux, Vue.js, Node.js, PHP/Laravel, Ruby/Rails, Postgres, MySql

Project Manager, Lead Software Engineer (Full Stack), Greplytix, Inc.   May 2014 - July 2018

Early stage employee. Build assessment and analytics software used in schools and medical resident evaluations.
- Develop our data visualization library using d3.js.
- Build and maintain JSON REST APIs within Rails MVC framework.
- Determine and prioritize projects. Setup project stories and completion criteria.
- Mentor and guide junior engineers.
- Provide remote and in-person client training.
- Work with clients to develop new features that help meet their current needs.
- Technologies: Ruby, Rails, Backbone.js, Node.js, Postgres/Mongo, d3.js.

Software Engineer (Contract), Howler Applications   May 2015 - May 2016

IOS App developer and iOS SDK for access to Howler network

Faculty, Southern Illinois University   Aug 2005 - May 2014

Faculty in the Aviation Flight department. Besides main duties of teaching perform contract software work for the Integrated Microscopy and Advanced Graphics Expertise center.
- Develop IOS app for the Aviation Flight department.
- POC of flight simulator using arduino and MS Flight Simulator.
- Develop image processing software for IMAGE center.

Technical Experience

Programming/Markup Languages
Javascript, Ruby, PHP, Objective-C, Python, Java, SQL, HTML/CSS/SASS
Frameworks/Libraries
React, Redux, Rails, Laravel, Vue, d3.js, Django, Material UI, Backbone, jQuery, Node, Bootstrap
Additional Experience
Jest, RSpec, Test Driven Development, Postgres/MySql, git, Single Page App, Data Visualization, Public Speaking, Teaching

Education

B.S. Degree in Aviation Management, Southern Illinois University Carbondale   2005
M.S. Degree in Computer Science, Southern Illinois University Carbondale   ABT