

sawyerhopkins

fullstack engineer

contact

Los Gatos, CA

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www.sawyerhopkins.com

programming

♥ JavaScript / NodeJS
Vue, React, Redux
Jest, Sinon

tech

Docker
AWS / Cloudformation
Serverless

education

2014–2017

Masters in Physics

Kansas State University

- Performed stochastic n-body dynamical simulations using software built using C++.
- Modeled phase space of protein solutions under the effects of non-pairwise electrostatic interactions.

2010–2014

Bachelor in Physics

Michigan Technological University

- Studied nanotechnology with a focus on thermal properties of boron nitride nanosheets.
- Operated vapour deposition chambers for experimental synthesis of nanostructures.

experience

2018-Now

Radiowave.io

Manhattan, KS

Lead Javascript Engineer

- Managing infrastructure as code using AWS Cloudformation.
- Developing progressive web applications using Nuxt.
- Creating real-time stream metrics, data visualization, and reports for radio broadcasters.

2017-Now

Import.io

Los Gatos, CA

Fullstack Engineer

- Utilizing headless chromium to convert unstructured HTML into machine readable formats (JSON, CSV).
- Orchestrating complex micro-service workflows using technologies such as SQS, SNS, Redis, and SWF.
- Integrating data pipelines with mechanical turk for statistically sampled quality metrics.

2015-2017

Piestar

Manhattan, Kansas

Web Developer

- Creating single page applications using modern javascript technologies including React and Vue.js.
- Designing and implementing restful API endpoints using PHP and Laravel.