

ryangroose

data driven engineer

python

django
chalice
selenium
boto3
mxnet

aws

s3
lambda
cognito
sagemaker
dynamodb
ec2

javascript

react
vuejs
idyll/d3

other





git
haskell
java/c/c++
sql

education

UW CSE 2018
Data Science

Year abroad:
Stockholm, Sweden

contact

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6200 Norma Beach Rd
98026 Edmonds
Washington

experience

fall 2018-

Co-founder + Data Engineer

Curie

Co-founded a multi-million dollar AI startup (CurieVision). Designed and built everything data: multimedia data scraping + pipelines, computer vision models, REST APIs, inference, and testing. Used AWS serverless stack for lean, scalable, and iterable development. Crossed over into other responsibilities such as front-end, recruitment, product management.

spring 2018

Software Engineering Intern - Part Time

Kernel Labs

Built legal disclosure API and webapp prototype (asidero.com). Tracked, modeled, and stored lobbying compliance information using Django Rest Framework + PostgreSQL. Created internal dashboard template + login with automated AWS deployment.

win 2018

Software Engineering Intern - Full Time

Kernel Labs

Prototyped and built authorizing consent webapp from conception to deployment and marketing to prevent automated disasters in production. Built using django, nginx, jquery, and trustedkey.

projects

spring 2018

Image Filter Lesson

Idyll Gallery Examples

Wrote an interactive article demonstrating how image filters and kernels work for the Idyll Gallery. Built with Idyll of course, a language for data visualization combining React, Markup, and D3.

spring 2018

easy pandoc templates

Personal Project

Created, curated, and modified pandoc templates to instantly convert documents from anywhere. Converts many document formats (markdown, latex, etc) to html or pdf with dropin abilities for vim.

jan 2017

Data Denoising

Team Research Project

Developed a Kernel PCA denoiser and compared different kernel functions in character recognition