Vincent Grato

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CSUSM 2012 BA Computer Science; Math minor

Epik Systems – Software Engineer Lead 5/2020 – 1/2022

Worked with clients to discover technical requirements and match timelines with resource availability. Develop domain language, UX and prototype before folding in junior resources and specialists when necessary. Notable projects include: Agritech supply chain and asset tracking leveraging distributed blockchain db and GraphQl (Sold to True Farms and CP Foods). EV charging station management dashboards and AI integration for pricing prediction. API supported by distributed scraper platform to unify disparate OEM parts for motorsports (BikeBandit)

Analytics Ventures – Senior Software Engineer 5/2018 – 1/2020

Supported team of AI researchers in productizing research in finance, advertising, machine vision, space weather and others. Developed compression software. Designed and implemented ETL pipelines to support ~30 TB. Provisioned and maintained multi-user research machines on prem and in multiple clouds (up to 120 cores). Developed a functional analysis / statistical model generation tool for time series using numpy and sympy that lent itself well to sensitivity analysis and explanation.

Servicechannel – Software Engineer 5/2017 – 3/2018

Participated in rewrite of legacy SaaS platform to connect owners and managers with maintenance service companies like plumbers and electricians. Mapped many single tenant NoSql implementations to a coherent multi-tenant UX with relational schema in Django Rest on AWS.

Bandsintown – Data Engineer 9/2014 – 3/2017

Designed, built, and maintained and scaled global event data pipeline. Platform is still in use without update. Led team to grow and maintain ~250 ruby scrapers. Developed statistical suite for inventory quality. Developed and maintained primary Rails API supporting 30 million users on mobile and web.

Fanpics – Software Engineer 3/2014 – 9/2014
Processed output of camera gimbals to produce feeds of candid photos with overlays using ffmpeg and a Rails supporting mobile and web for sports games at stadiums.
GAP Intelligence – Software Engineer 2/2013 – 11/2013
Develop scrapers, data warehouse, and analytics in AWS for consumer product pricing as intelligence for electronics companies like HP, Sony and Canon. Developed internal tools for manual processes.
The Active Network – Software Engineer 8/2012 – 12/2012
Developed web app to share race results and analytics for thousands of events like the NY Marathon and local 5k races.
Playstation – Intern Little Big Planet Karting content sharing 6/2011 – 8/2011
Sony Electronics – Intern Corporate Communications / B2B 10/2007 – 2/2011