

Ryan Kuhl

West Los Angeles, CA

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Technical Experience

Tatari

Software Engineer 3

Los Angeles, CA

11/2018 - Present

Lead engineer for the finance operations team, responsible for creating a suite of streaming media invoicing and reconciliation tools

Mentored less tenured engineers shortening effective contribution time from 4 months to 5 weeks

Lead engineer on marketing site integration, transitioned all marketing media on website with zero downtime

Performed DevOps work with AWS, Kubernetes, Helm, Docker, Fastly, and Heroku

TrueCar

Software Engineer 3

Santa Monica, CA

08/2015 - 11/2018

Development on Ruby monolith, maintenance on Python Flask micro-services, PostgreSQL database

Created Ruby on Rails API and integrations for OEM Engagement Platform responsible for over \$8 million in yearly revenue

Contributor to search engine implementation for the TrueCar used car platform using ElasticSearch

Lead developer & maintainer for Python platforms: multi-partner platform, email rendering platform, user survey platform, etc.

Department of Economic Opportunity, FIRRE Engineering Team

Tallahassee, FL

Architect & Engineering Lead

09/2014 - 06/2015

Analyzed time series data for adherence to business rules & uniqueness against Apache Cassandra dataset for fraud detection

Managed a team of 8 developers from requirements planning to product release

Datastax Enterprise stack with Apache Cassandra database, Apache Solr search & Apache Spark analytics

Interests & Proficiencies

Languages:	Python3	R	Ruby	SQL	L ^A T _E X
Frameworks:	Flask	Django	Ruby on Rails		
Databases:	PostgreSQL	Redshift	Redis	ElasticSearch	
DevOps & SRE:	Kubernetes	Helm	Docker	AWS	Heroku
Tooling:	VS Code	Pycharm	DataDog	Rollbar	Sentry

Personal Projects

Broadcast

Open source SMS based application utilizing Twilio API, allows users to manage group messages with bot integration

High performance, object oriented Python3 using the Flask micro-framework with a focus on scalability, alerting & robustness

Continuous Integration pipeline using Github, Circle CI, and Heroku

Activities & Competitive Experience

Techstars Startup Weekend

Los Angeles, CA

Engineering Lead, Product Direction, Presenter

04/2019

Third Place, Created an SMS based service to assist the homeless in finding local resources using Python3 and Flask

FSU Cybersecurity Club

Tallahassee, FL

Technical Director

12/2013 - 08/2014

Aid in competition training & preparation for FSU Cybersecurity team

Southeast Collegiate Cyber-Defense Competition

Kennesaw, GA

FSU Team Co-Captain

04/2013 - 03/2014

Mitigated attack vectors, hardened enterprise level systems against intrusion by professional penetration testers

Education

Georgia Institute of Technology

Atlanta, GA

Computer Science, Master of Science

01/2020 - Present

Florida State University

Tallahassee, FL

Computer Science, Bachelor of Science

08/2009 - 08/2014

Applied Mathematics, Minor