Ryan Dundun

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PROFESSIONAL EXPERIENCE

SENIOR SOFTWARE ENGINEER, CAPITAL ONE; CHICAGO, IL – 2019-PRESENT

Programmed, monitored and streamlined full-stack web-development software while working with Agile team on a variety of applications and services in QA and Production environments. Tech Stack includes AWS ECS, EC2, S3, RDS, Java, Python, Jenkins (for CICD), Route 53, Lambda.

CTO AND CO-FOUNDER, VYFLOW; BELOIT WI – 2019

Assembled, designed, and maintained software and service architecture for all of Vyflow's services and applications that include real-time view-only bank access, data rooms, portfolio management, etc. Vyflow is an incubator startup that raised a seed round of investment. Vyflow provides peace of mind to investors by adding an extra layer of due diligence. Tech stack includes Django Python (backend), React (front end), plaid integration (for banking access), AWS Lambda, S3, EC2, RDS, Route 53, etc. Link: vyflow.com, testvyflowqa.com (QA software, feel free to register and login as a fake account and poke around).

DATA MINING/SCRAPING & FORECASTER, QUAD GRAPHICS; SUSSEX WI – 2018

Scraped/mined data programmatically (using python selenium, BS4 and AWS Lambda) from various sources to be used in prediction/forecasting of trends in business operations using time series forecasting in programming language R. Forecasted manufacturing sales and other time series with 3%-6% mean absolute percent error (MAPE).

EDUCATION

University of Wisconsin-Madison, WI – Statistics B.S, Economics B.S, Computer Science Minor, Graduated May 2019

SKILLS & AWARDS

- AWS Solution Architect Associate (C02), Certified May 2020, Validation ID: VM2H0NMCEN441FCP
- Software Skills: Git, Python, R, AWS, Machine Learning, SQL, Django, React, Web-scraping, Selenium automation, BS4, Machine Learning with Python Scikit-Learn, image classification
- Powers-Knapp Scholar, University of Wisconsin-Madison (Private academic scholarship)
- Division 1 All-American Track & Field Athlete, University of Wisconsin Madison: Nationals Qualifier (400 m Hurdles), Academic All-Big Ten, B1G Ten Champion (DMR)

OTHER EXPERIENCE

CHESS CLUB UW, PRESIDENT AND CO-FOUNDER – 2015

Recruited 100+ active members. Organized recruiting, meetings and tournaments (see organization link here)

RECYCLE REWARDS – 2020

Built non-profit website that utilizes image classification to give users points for recycling that are redeemable for coupons (learn more here). Build with python Django utilizes AWS S3, Elastic Beanstalk, and Rekognition.

FOURKUBE LLC, CO-FOUNDER – 2018 - 2020

Engineered FourKube's machine learning algorithms that generates and records predictions based off of web-scraped data from various sources – 100% automated. FourKube's stock prediction algorithm strives to identify companies to buy for profit. Software powered by AWS and website created in ReactJS. The software lives on today paper trading daily and running on autopilot - live reporting of on-going performance at: https://www.fourkube.info/. At its peak, had 82 monthly paying subscribers utilizing Stripe.

Personal website: **www.ryandundun.com** has most personal projects referenced above and more