TAYLOR PUBINS

tpubz@icloud.com • 623.466.5640 • linkedin.com/in/trpubins/ • github.com/trpubz/

Colorado, USA

SOFTWARE ENGINEER | DATA ANALYST

Software Engineer • Solutions Architect • Product Owner • Lead, Tech Project Manager

Ruby/Ruby on Rails Back-end • Swift/SwiftUI Full-stack • Python ETL/Data Analytics/Machine Learning • AWS EC2

Project Leadership • Insatiable Problem Solver • Resourceful Go-Getter • PMP

#1/20 Project Mgrs 2021 • Air Force Senior Analyst of the Year 2020 • #6/77 Team Leads 2020

PROJECTS

Online Connect Four • github.com/trpubz/connect_four
*Tech Stack: **Ruby | AWS EC2***

◉ This version of Connect Four utilized CLI UI. Once AWS Server is instantiated, 2 users connect to the server and pass HTTP Requests and the EC2 instance handles the HTTP Response

Fantasy Baseball ETL Pipeline • github.com/trpubz/MTBL_Extract • github.com/trpubz/MTBL_Transform
*Tech Stack: **Ruby | Swift | Python | Pandas | Selenium | Go | Google Drive API | Jupyter Notebooks***

◉ This Fantasy Extract, Transform, Load Pipeline uses Selenium to web-scrape baseball player data and to download remote CSVs, transforms the data using Pandas, and loads the data using Go to a remote Google Drive API. The data is explored in a hosted Jupyter Notebook interfacing with the Google Drive. Extract pipe uses multithreading concurrency.

Fantasy Draft Room Assistant • github.com/trpubz/DraftHQ2021 • gh.com/trpubz/ESPN-DraftRoomScraper
*Tech Stack: **Swift | SwiftUI | Python | Selenium | Flask | REST API***

◉ Opens an ESPN Draft Room and scrapes the room for bidding activity and requests the Summary tab when player is drafted. Concurrently, a separate thread hosts a Flask web-service where the data is served as a RESTful JSON API. The SwiftUI app polls the JSON API and provides real-time analysis via auction suggestions and projections.

PROFESSIONAL EXPERIENCE

Ruby Software Engineer Apprentice | Turing School of Software & Design   Aug-2023 - Mar 2024
Ruby/Ruby on Rails Back-end Program

◉ 1500 hours. 27 weeks. ACCET-accredited software engineering program.

◉ Ability to thrive as part of Agile software team, competency with Object-Oriented languages, ability to turn complex business data needs into appropriate and scalable database structures with PostgreSQL, proficient in Test-Driven Development and rapid prototyping/iteration.

Lead Technical Project Manager/Int'l Ops Dir | Space Systems Cmd, Los Angeles   Feb 2021 - Jul 2023
Software & Infrastructure, Space Assets Program Office

◉ Led cost, schedule, & performance of the design, development, testing, & deployment of software & infrastructure capabilities – $90M software & $250M secure cloud infrastructure deliverables.

◉ Rapidly implemented $50M Agile software re-baselining–averted 24-month gap in mission capabilities, reflecting strong problem-solving and strategic execution skills.

Lead Project Manager, Commander's Action Group | Space Delta 4, Denver   **Jun 2020 - Feb 2021**

Portfolio Management Office, ERP Project

◉ Managed & Innovated on global operations' value chain–united 16 organizations, synergized disparate Enterprise lines of effort, & refactored five unique global effects.

◉ Successfully achieved 99.3% of HQ directives before deadlines, demonstrating an ability to effectively plan and prioritize multiple cross-functional projects.

Technical Project Manager, Chief of Tactics | 460th Ops Support Sq, Denver   **Oct 2018 - Jun 2020**

Operations Support PMO

◉ Led advanced <u>DevOps support</u>–innovated tactics & designed solutions against emerging threats. <u>Managed</u> all phases of <u>Developmental Test & Evaluation</u> with an emphasis on <u>Enterprise Integration</u>.

◉ Earned 3rd Party API certification & architected solution that enabled the innovation of ops tools & DevOps pipeline–trained operations division; integrated $93k of s/w for ops.

Sr Ops Data Analyst, Team Lead | 2nd Space Warning Sq, Denver   **Aug 2016 - Oct 2018**

Selected as Top Team Performer (#1/35) 2018

◉ Optimized & Executed wartime and peacetime space operations–created 189 mission plans enabling over 700 exquisite customer notifications.

◉ Authored primitive Excel VBA code enabling integration of 3rd Party APIs–generated 25 custom ops products & increased system capabilities by 30% for strategic customers.

EDUCATION

Syracuse University   **2023**
Six Sigma Green Belt (SSGB) Certification Course

Air Force Institute of Technology   **2022**
Master's Certificate in Data Analytics/Machine Learning
   ◉ 4.0 GPA

United States Air Force Academy, CO   **2016**
B.S. in Business Management & Entrepreneurship, Minor in Portuguese
   ◉ 3.35 GPA | Management Dept. Dean's Honors (Top 10%)

PERSONAL AWARDS, PROFESSIONAL COMPETENCIES & TECHNOLOGIES

Awards: #1/20 Project Mgrs '21 • Air Force Sr. Analyst of the Year '20) • #6/77 Team Leads '20 • #1/75 Data Analyst '20 • #2/8 Team Leads '20 • #2/77 Data Analyst '19 • Dean's Honors (Top 10%) '16 • Basic Honor Grad (Top 10%) '10

Certificates: Project Management Professional, PMI

Competencies: Superb Verbal Communication • Multidisciplinary Team Coaching • Systems & BI Thinking • Decisive & Servant Leadership • Enterprise & Systems Integration • Analytics/ML • EVM • Developer Empathy • TS/SCI Clearance

Technologies: Ruby/Ruby on Rails • Swift • Python • PostgreSQL • VBA • REST APIs • AWS EC2 • Git • Github • Jira • Confluence • MS Project • MS Access • Agile Project Methodology