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https://github.com/angelagongli https://angelagongli.github.io/

EDUCATION

The University of Texas at Austin

Certificate in Full Stack Web Development, June 2020

The University of Chicago

Bachelor of Arts in Economics with General Honors, June 2014 Bachelor of Science in Mathematics with Specialization in Economics, June 2014 GPA: 3.5/4.0

EXPERIENCE

Revature, Houston TX

Software Engineer (October 2020 – Present)

- Configured Xceptor automation to ingest, parse and normalize client's daily account statements and upload to destination database table for client in the hedge fund industry, set up standard normalization to database schema in Xceptor Internal Format and file-level configuration in Input Format of Delimited (CSV and pipe-delimited TXT), Excel, PDF and Fixed Width (TXT) type, configured Output Format to produce CSV and JSON output file for direct upload to database and writing to Kafka topic, configured Message Processor and Processing Rules to identify input file by file name pattern and then properly ingest and process the file, tested Xceptor configuration from end to end and migrated ETL process from Perl code to Xceptor
- Provided daily production support of monitoring Xceptor Input Activity and destination database table, debugged file processing errors in Xceptor, set up automation of sending broker file to be processed in Xceptor from broker's FTP site to Xceptor Input Folder in client's External Data system, set up Xceptor Folder Watchers, implemented Start of Day/Intraday reporting logic and House/Regulatory Margin logic with Reference Data Lookup from Translation Table and Process Orchestration, implemented Start of Day and Intraday email reporting with Reference Data Lookup from Translation Table, Process Orchestration and HTML email templating in email delivery destination of Message Processor
- Developed C# console application and web application implementation of store application based on Microsoft Entity Framework Core ORM and PostgreSQL database, followed MVC design pattern and made own REST API using HTTP
- Developed UiPath web data-scraping/Outlook email automation project based on Dispatcher/Performer model and implemented in Robotic Enterprise Framework with UiPath Orchestrator Queue and Queue-based/Time-based Trigger

NERA Economic Consulting, Chicago IL

Analyst, Transfer Pricing (July 2014 – June 2018)

- Developed transfer pricing reports to document client functional analysis, transfer pricing method selection, comparables screening process, comparables financial analysis, and transfer pricing results for international tax compliance purposes
- Analyzed comparable companies' financial statements, implemented accounting and economic adjustments to comparables' financial data, calculated comparables' profitability ratios and arm's length range of returns to benchmark clients' cross-border intercompany transactions against independent third-party transactions
- Implemented residual profit split model to determine arm's length intercompany pricing among multinational group entities performing routine and entrepreneurial functions

The University of Chicago Booth School of Business, Chicago IL

Research Assistant for Professor Matthew Notowidigdo (June 2012 – June 2014)

- Cleaned/managed datasets, ran regressions and created graphs explaining the impact of public health insurance on labor supply in Tennessee in Stata, performed literature reviews on wealth-health correlation, hospital closures, emergency departments

SKILLS

Programs and Languages Xceptor, UiPath (UiARD certification), JavaScript, C#, VB.NET, SQL, Python, Java, Stata, HTML,

CSS, VBA, Excel, Word, PowerPoint

Frameworks and Methodologies

Databases and ORMs

Node.js, Bootstrap, React, Material-UI, REFramework, Agile, Test Driven Development

MySQL, Sequelize, MongoDB, Mongoose, PostgreSQL, Microsoft Entity Framework Core

Foreign Language Proficiency Certificate in Chinese (University of Chicago)