

Thomas J. Park

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<https://github.com/Mystified131>

Technical Skills:

Python
HTML

Flask
Oracle

Git
Tableau

SQL
Jira

Independent Projects:

Generlter: <https://github.com/GridPresence/Generlter>

- Using Python
- Provides open source module available to any user, out 2.14.2021
- Uses audio samples to create generative audio tracks using an interface that can be tailored to fulfill user needs

Row Adder: <https://github.com/Mystified131/GoToCode>

- Using Python, MySQL, Excel
- Converts a .csv file into sql code ready to paste and execute
- Users can add tens of thousands of lines of data in minutes

Education:

Gale Coursework-- Javascript, Visual Basic 9/2018-4/2019

Discovery and LC-101
Launchcode, Saint Louis, MO 5/2018-12/2018

Bachelor of Arts in English 9/1989 - 6/1993
Northwestern University, Chicago, IL

Work History:

IT Coordinator-- DataVerify 3//2022- 11/2022

- Provide Product Support for Financial Application
- Use SQL, Splunk, Postman, Excel (with Macros) and other tools
- Respond quickly and effectively to ticket requests
- Find patterns in various forms of data, and present patterns to team
- Locate Root Cause for Application errors
- Enact or facilitate fix for errors in Application
- Use Python to assist with needed functionality
- Present results with clear communication to clients

Data Analyst I-- Charter Corporation

3//2021 - 12/2021

- Provide detailed and specific SQL reports for in-house field agents
- Create and share detailed reports of data trends using Excel and Python Code
- Respond quickly and effectively to automated ticket requests on Jira using Oracle
- Assist field agents with interpreting data needs
- Assisted team with needed duties, including training new employees
- Built original Python code to interact with data, assist with migrations, analyze data and provide reports to other employees

Python/Data Analytics Instructor-- Savvy Coders

10//2020 - 11/2021

- Create and deliver curriculum to cohort of students
- Effectively teach Python, Data Modules and Tableau skills
- Teach by example Interactive Data Dashboards
- Cover essentials and create models of various Data Visualizations
- Thoroughly prepare students for careers in Data Analytics
- Present sheets, dashboards and spreadsheets as data presentation
- Build and furnish data visualizations as graphs and other forms of charts
- Troubleshoot data visualizations and enforce accurate and ethical data representation, especially using Tableau

Public Technology Assistant-St. Louis Public Library

9/2020 - 3/2021

- Assist patrons with technological needs, including personal support on Windows based, Chrome based and Macintosh computers. Provide wi-fi connection support and facilitate maintenance and use of printers.

IT/Data Analyst-- Hussmann Corporation

2//2019 - 6/2020

- Supply SQL, data, DBA, Python, QA and help desk support for a competitive development team
- Help build and maintain parallel SQL-Server Databases in 4 development scenarios
- Build reports to highlight application functionality
- Use advanced SQL functions such as joins, views and stored procedures
- Create original Python applications for onboarding, inspecting and cleaning data
- Construct and utilized data marts and relational databases and helped to build models for them
- Assist as a go-between with the rest of the team for database issues
- Worked with the team towards team-related projects

Public Technology Assistant-St. Louis Public Library

6/2015 - 2/2019

- Assist patrons with technological needs, including personal support on Windows based, Chrome based and Macintosh computers. Provide wi-fi connection support and facilitate maintenance and use of printers.
- Assist with Creative Experience needs, including audio studio support for ProTools, FruityLoops and other software systems. Assist creating and converting customer video files, pdf, and others using Adobe and other softwares.

Library Clerk-St. Louis Public Library

3/2012 - 6/2015

- Check out books and other materials to patrons. Maintain library card records.
Provide occasional computer assistance, when needed and possible

Independent Code-Oriented Musician and Artist

1/2001 - present

- Create digital music, visual, video and other forms of art, especially using Generative or alternative creation techniques, many using original Python Code
- Create hundreds of applications, including many that dialogue with and utilize APIs to harvest media for automated processing and use, and the generation of speech audio from text and similar cloud-based functions
- Demonstrate problem solving by creating original Python code solving three major New York Times daily puzzles, including "Letter-Boxed", "Spelling Bee", and "Sudoku" (Easy to Moderate Levels)