Jean-Luc Peloquin

Las Vegas, NV 89149 | lucpeloquin77@gmail.com | (702) 283-4014 | LinkedIn | peloquin.dev

EDUCATION

University of Nevada, Las Vegas
Bachelor of Science in Computer Science - *3.5 GPA* August 2020 - May 2024

RELEVANT COURSEWORK

STAT 411 - Statistical Methods Spring 2023

- Complex implementation and analysis of standard data distributions using R
- Advanced understanding of collection and representation of information, pre-processing and cleaning data

CERTIFICATIONS

Google / Data Analytics Professional Certificate June 2024 - September 2024
Google / Advanced Data Analytics Professional Certificate November 2024 - Present

- Demonstrated hands-on experience with data cleaning, data visualization, and communicating data analytics
- Confidence in transforming complex data into actionable and clear insights using Excel, SQL, R, and Python
- Practical use of transforming data into interactive dashboards using Tableau and other data visualization tools

SKILLS

Python (Pandas, NumPy, Matplotlib, Selenium, OpenCV)
SQL / C++ / C# / Java / R / Jupyter / MATLAB / .NET

TECHNOLOGY

Tableau / Git / Power BI / Excel / Word / Visual Studio
AWS / Salesforce / BigQuery / AzureSQL

WORK EXPERIENCE

Sales Associate / OMNI - *Kohl's* May 2021 - July 2024
Specialist - *Apple* August 2024 - Present

- Conducted advanced technical support for hardware and software issues across the Apple ecosystem
- Communicated within a large team to maximize efficiency and ensure a smooth customer experience

ACADEMIC AWARDS & HONORS

Howard R. Hughes CoE Scholarship (2021) — **Scholarship**
Gilman and Bartlett Scholarship (2022) — **Scholarship**
Ralph Dippner Scholarship (2023) — **Scholarship**
Dean's List (2020-2021, 2023-2024) — **Honors**

PORTFOLIO

Advanced Algorithm for Enhancement of Fashion Imagery - *Python (OpenCV, NumPy)*

- Developed an advanced method to automatically upscale, sharpen, and recognize figures in fashion images

Automatic Music Transposition - *Python (TensorFlow, NumPy, Librosa), C++ (JUCE), MusicXML*

- Collaborated with a team to engineer a specialized application that leverages transformer-based machine learning models and advanced waveform analysis for automatic music transcription from audio files
- Implemented the MT3 framework (TensorFlow) and Score Transformer to transcribe user-selected audio files into MusicXML format with the option to export as MIDI, utilizing the JUCE framework for UI and file handling

VCT Scoreboard Matrix - *Python (OpenCV, EasyOCR, Google Vision API, Pandas)*

- Developed an automated OCR-based video processing tool using OpenCV and EasyOCR/Google Vision API to extract, filter, and dynamically identify key information
- Applied advanced post-processing techniques, including text line sorting and background recognition, to enhance information extraction, leveraging expertise in computer vision, text recognition, and data manipulation