Jean-Luc Peloquin

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EDUCATION

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

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 & TECHNICAL EXPERTISE

Programming Languages & Frameworks

- Python (Pandas, NumPy, Matplotlib, Selenium, OpenCV, PyTorch, TensorFlow, scikit-learn)
- SQL, C++, C#, Java, Go, R, MATLAB, .NET, WebDev (HTML, CSS, JavaScript, TypeScript)

Cloud, DevOps, Data & Analytics

- AWS, Google Cloud, Docker, Kubernetes, Git, Jira, Jupyter Notebooks, Tableau, Power BI, BigQuery

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
- Finished Top 3 in revenue for Q4 2024, lead Product Zone in sales for all Specialists

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