Jean-Luc Peloquin

(702) 283-4014 | lucpeloquin77@gmail.com | LinkedIn | peloquin.dev

EDUCATION

University of Nevada, Las Vegas — Las Vegas, NV
Bachelor of Science in Computer Science — 3.5 GPA — *Aug. 2020 – May 2024*

- **Honors:** Provost's Scholarship (2020-2024), Ralph Dippner Scholarship (2023), Gilman and Bartlett Scholarship (2022), Howard R. Hughes College of Engineering Scholarship (2021), Dean's List (2020-2021, 2023-2024)

University of Nevada, Las Vegas — Las Vegas, NV
Master of Science in Data Analytics — *Aug. 2025 – May 2027*

CERTIFICATIONS

Data Analytics Advanced Professional Certificate — March 2025
Google

- 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
- Studied advanced statistical methods such as regression analysis and machine learning pipelines

EXPERIENCE

Specialist — July 2024 – Present
Apple — *Las Vegas, NV*

- 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
- Configured device management of operating systems for internal and demo purposes aligned with IS&T standards

PROJECTS

Automatic Enhancement of Fashion Imagery — Python *(OpenCV, NumPy, Pandas)*

- Developed an advanced method to automatically upscale, sharpen, and recognize figures in fashion images
- Implemented a multi-stage pipeline to determine optimal processing parameters based on lighting conditions, contrast levels, noise presence, and detail complexity, ensuring tailored enhancements for high-variance 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 ScoreTransformer 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 from an active UI
- 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

Automoni - Automated System Monitoring — Go, Python *(Selenium, ntfy API)*

- Engineered a specialized tool that monitors second-hand marketplace listings using sophisticated web scraping techniques that avoid anti-bot measures, tracking new product listings and price changes in real-time
- Deployed in Replit (cloud) and implemented ntfy for push notification delivery to iOS devices, providing user with automated instant alerts when items matching user-defined criteria appear on the marketplace

TECHNICAL SKILLS

Languages: Python, C++, C#, Java, SQL, Go, R, HTML, CSS, JavaScript, TypeScript
Libraries & Frameworks: Pandas, Matplotlib, Selenium, PyTorch, TensorFlow, scikit-learn, React, Node.js
Cloud & DevOps: AWS, Google Cloud, Docker, Kubernetes, Git, GitHub
Data & Analytics: Jupyter Notebooks, Tableau, Power BI, BigQuery
Developer Tools: VS Code, Cursor, Visual Studio, PyCharm, Jira