Prochette Dylan

CONTACT

Phone: +33 749860297   **Mobility**: US, Canada, France

Email: dylan.mercure@nexans.com   **Portfolio**: https://dylan.ashboard.fr

PROFILE

Bachelor's student in Tech & Business with strong analytical skills seeking an internship in finance, data analysis or management. Proven experience in project management, financial data analysis, and automation through digital tools. Adept at collaborating across teams to deliver impactful solutions

PROFESSIONAL EXPERIENCE

Assistant Project Manager – Nexans | Sept. 2024 - Present

- Help on Managing project : (budgets 330K – 1.1M) across multiple projects
- Developed and implemented automation software ('Nex&You;') reducing documentation time significantly
- Collaborated with cross-functional teams to ideate and prototype innovative solutions for industry-specific challenges
- Analyzed data sets to support strategic decisions and enhance project performance
- automatede more than 15 repetive documents about Quality health and environment
- Manage planning accros the year for 25+ electrical engineers

Co-Founder – Leev Agency | Nov. 2023 – June. 2024

- Successfully managed a marketing budget exceeding $22,000/month for ShelterBox.
- Conducted web scraping for market research and secured multiple high-value contracts
- More than 15 contract in a year
- Telephone prospecting: 50 calls/day
- Setting up planned emailing strategies with A/B testing

EDUCATION

Bachelor of Technology & Business | 2023-2026

Esilv - Engineer School

- GPA: 4.0
- Relevant Coursework: Data Visualization, Business Management, Python, JavaScript
- Night-On : Full-Stack developer for a School project replicating Airbnb for parties

High School Diploma, Science Track| 2021-2023

Notre Dame de la Compassion, France - Private School

- GPA: 3.2
- Economics, Computer Science | Graduated with Honors

PROJECTS

Nex&You

- Leverages advanced NLP and machine learning for superior accuracy.
- Uses a modular architecture for agile, scalable integration.
- Implements Retrieval-Augmented Generation (RAG) for enhanced context and real-time data relevance.
- Deployed in France, planned to set in production in Italy, Spain, and Norway.

Financial Analysis Tool

- Developed Python-based application integrating Alpha Vantage API
- Implemented technical indicators (RSI, Bollinger Bands) and dynamic data visualization

Hard Skills

Technical Skills
- Programming & Development
- Frontend: HTML, CSS, JavaScript, React.js
- Backend: Node.js (Express.js), Python (FastAPI)
- Database: SQL, MongoDB, PostgreSQL
- API Integration: Alpha Vantage, Axios/Fetch
- Authentication & Security: JWT (JSON Web Token)/ Okta

Data Science & Machine Learning
- Python Libraries: Numpy, Pandas, Matplotlib, Openpyxl
- OCR & Document Analysis: Tesseract OCR, pdfplumber, python-docx
- Data Visualization & Analytics: Google Analytics, Airtable, Looker Studio, R
- Financial Metrics & Indicators: RSI, Bollinger Bands

Cloud & Automation Platforms
- SAP, Saleforce
- Collaboration & Version Control: GitHub
- Power Platform: Power Apps, Power Automate, SharePoint
- Advanced Excel: Macros, VBA scripting, Automation

Digital Marketing & SEO
- SEO Techniques
- Market Research & web scraping with Beautiful Soup
- A/B Testing & Email campaigns
- Google Analytics, certifications and google ads campain

Soft Skills

- Problem-solving and Critical Thinking
- Effective Communication & Collaboration
- Adaptability & Flexibility
- Continuous Learning
- Attention to Detail
- Strong Business Acumen

Detailed Project: Nex&You (Nexans)

Overview
- Nex&You is adigital solution developed for Nexans aimed at significantly enhancing productivity and efficiency in project and document management.
- Frontend (Power Platform): Interactive and user-friendly interface for seamless user experience.
- Backend API (Python/Doc intelligence/Power Automate): Manages API requests, data validation, and communication between frontend and databases.
- Database: Sharepoint utilized for structured and flexible data storage.
- Integration: Power Automate, and SharePoint for hosting and workflow automation.
- Automation of document creation (Word, Excel documents).
- Advanced NLP and Retrieval-Augmented Generation (RAG) techniques to maintain high accuracy and context-relevance.

Impact
- Reduced manual document creation time dramatically by automating repetitive tasks.
- Deployed initially in Belgium and France, with expansion plans for Italy, Spain, and Norway.
- Enhanced accuracy, data consistency, and reduced errors in critical business processes.
- Modular and scalable architecture facilitating easy integration and agile updates.

Business Value
- Streamlined cross-team collaboration and operational efficiency.
- Improved strategic decision-making via insightful, data-driven analytics during the MPR.
- Significant productivity boost, enabling teams to focus more on strategic tasks rather than administrative overhead.