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| Professional Summary Innovative AI/ML Solutions Specialist combining advanced machine learning expertise with deep scientific domain knowledge. Experienced in training major language models (ChatGPT, Gemini, Deep AI) for scientific applications, especially in biochemistry and chemistry. Proven ability to bridge complex scientific concepts with practical business applications. |  | La Raven Gordon  AI/ML Solutions Specialist & Scientific Domain Expert  (848) 269-7402 | laraven.gordon@gmail.com  [LinkedIn](https://linkedin.com/in/laraven-gordon) | [GitHub](https://github.com/gordon-laraven) | |
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| Technical Expertise  * AI/ML: LangChain, TensorFlow, PyTorch, Hugging Face, OpenAI API, Transformers, Generative AI * Scientific: Biochemistry, Chemistry, Plant Biology, Research, Lab Protocols, Scientific Validation * Programming: Python, SQL, REST APIs, Git, Jupyter, Cloud Platforms, Excel, Visualization  EducationAI & Machine Learning CertificateColumbia Engineering | Jun 2024 – Dec 2024Bachelor of Science – Biochemistry Rutgers University | 2016 – 2022 Certifications Vector Marketing President's Club  Leadership Academy Graduate |  | |
| professional ExperienceAI Solutions Specialist & Data Auditor | Freelance | RemoteDesigned AI systems reducing response Errors by 40%Trained LLMs for scientific applications with 95% user satisfactionBuilt pipelines processing 10,000+ data points with 98% accuracySmall Business AI Implementation Specialist | Freelance | RemoteLed AI integration & automation projectsDeveloped ML pipelines and scientific tools | |
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| Education & Academic Support Experience | |
| Laboratory Assistant | Rutgers Plant ScienceConducted nutritional analysis on plant-based samplesMaintained lab safety and complianceCourse Content Creator | Rutgers UniversityDeveloped and streamlined technical academic contentTutor | Princeton ReviewProvided academic support and performance analysis | |
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| **Achievements & Research**   * Scientific Domain Expert – LLMs * Joyce Family Scholarship * President's Club Inductee * Top 60 of 12,500 Student Employees * Research: Catnip Oils (2019), Environmental Impact (2018), Indigenous Vegetables (2022), Nutritional Analysis (2024) |  | Management ExperienceField Sales Manager | Vector MarketingLed 50+ representatives, implemented AI customer serviceDeveloped analytics & virtual training systemsBranch Manager | Vector MarketingManaged hiring, training, and leadership development | |
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| **Key Projects**   * **Relocation Insights Application:** [GitHub Repo](https://github.com/dmmonjur/Final-project) Built conversational AI with 95% user satisfaction using LangChain and Google Gen AI. Integrated real-time data from multiple APIs. Developed scalable architecture. Technologies: Python, LangChain, Google Gen AI, Streamlit, APIs * **AI Model Training & Optimization:** Trained LLMs for biochemistry and chemistry domains (ChatGPT, Gemini, Deep AI). Developed validation frameworks and enhanced domain knowledge by 40%. Projects: Flamingo WFE, Impala Chemistry, Bee Chicory Chemistry |  | |
| * **Olympic Swimming Analysis:** [GitHub Repo](https://github.com/kkuria1/Olympic-swimming-analysis) Processed 100+ years of Olympic data. Implemented forecasting and statistical modeling. Technologies: Python, Pandas, Prophet, NumPy, Data Visualization * **Banking Interface System:** [GitHub Repo](https://github.com/gordon-laraven/customer_banking.git) Engineered secure transaction system with error handling and conversational flows. Technologies: Python, Financial APIs, ML Models, Dialog Flow * **Indigenous Vegetables Research:** [View Project](https://storytelling.marine.rutgers.edu/amaranth/) Led nutritional analysis, built data pipelines, and created educational materials. Technologies: Analytical Chemistry, Data Analysis, MS Excel * **Obesity Classification System:** [GitHub Repo](https://github.com/gordon-laraven/diabetes_project_2) Built ML model analyzing health factors. Achieved high accuracy in prediction. Technologies: Python, Jupyter, Machine Learning Libraries | |
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\*References Upon Request