Consulting Services for Organizations

I provide contract-based consulting and custom development services for organizations requiring specialized machine learning, quantitative research, and high-performance computing solutions.

Services for Organizations

Custom Development & Integration

- **Enterprise-grade modifications** — Adapt open-source platforms to your infrastructure and requirements
- **C++ inference engine customization** — Optimize performance-critical components for your use case
- **Infrastructure-specific optimization** — HPC, GPU clusters, cloud nodes, and hybrid deployments
- **Compliance-focused configurations** — Governance, audit trails, and regulatory compliance tooling
- **Feature engineering extensions** — Custom feature development and integration
- **Model zoo expansion & training workflows** — Extend model capabilities and training pipelines
- **Advanced leakage-prevention tooling** — Data validation and research integrity frameworks
- **Deployment assistance** — Production deployment, monitoring, and operational support

Consulting & Advisory

- **Architecture design** — System design for ML and quantitative research platforms
- **Code review & audit** — Technical review, optimization, and quality assurance
- **Research methodology** — Validation frameworks, backtesting, and walk-forward analysis
- **Performance optimization** — Profiling, optimization, and scaling strategies
- **Technical training** — Knowledge transfer and team enablement

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Engagement Process

1. **Initial inquiry** — Contact me with your organization's requirements
2. **Discovery phase** — We'll discuss scope, timeline, and technical approach via email or scheduled video conference
3. **Statement of Work (SOW)** — Formal proposal with deliverables, milestones, and terms
4. **Agreement execution** — Master Consulting Agreement + SOW
5. **Project execution** — Remote work with regular milestone reviews
6. **Delivery & support** — Deliverables, documentation, and optional ongoing support

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Why Work With Me

- **Specialized expertise** — Deep experience in ML pipelines, quantitative systems, and HPC
- **Production-ready code** — Structured, documented, and maintainable deliverables

- **Flexible engagement** — Hourly, project-based, or retainer arrangements
- **Organizational focus** — Experience working with institutions, research organizations, and enterprises
- **Clear communication** — Defined scope, milestones, and expectations

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Getting Started

All custom work requires a formal contract or written agreement.

Contact:
Email: jenn.lewis5789@gmail.com
Subject: Consulting Inquiry — [Your Organization Name]

Next steps: 1. Review `CONSULTING_POLICY.md` for professional terms and policies 2. Review `CONSULTING_PRICING.md` for detailed pricing tiers and rate structure 3. Review `MASTER_CONSULTING_AGREEMENT.md` for standard agreement framework 4. Contact me to discuss your requirements and receive a formal proposal

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Related Documents

- `CONSULTING_POLICY.md` — Professional terms, rates, and policies
- `CONSULTING_PRICING.md` — Detailed pricing tiers and rate structure
- `MASTER_CONSULTING_AGREEMENT.md` — Standard agreement framework
- `STATEMENT_OF_WORK_TEMPLATE.md` — SOW template