

# Christos' 2023 Q4 Goals and Values

## **What do I want to accomplish?**

I want to make a positive impact on society by accelerating technological advancement using Artificial Intelligence and Machine Learning tools to solve real-world problems. I am very passionate about it and enjoying learning as much as I can on the topic. I love helping people and learning about their experiences. I am looking for a role in an environment that encourages learning, growth (subject-matter expertise), a team that is also passionate about what they do and ideally on a mission to make a positive impact I align with.

I want to find a company that is focused on solving real world problems with AI using technology and/or scientific research. Ideally this company matches my values, enables my working style and encourages me to grow and learn.

I want to be in a role that leverages my experience and strengths to add value to the team. I hope that the role will also allow me to gain a breadth and depth of industry experience in AI such that I can learn and contribute to a greater good and one day build something of my own that solves a real world problem through AI.

## ***What am I good at professionally?***

### **Positive:**

I am the luminous torchbearer, guiding us through uncertainty to the realms of promise. When given a chance, I uplift team spirit and propel forward momentum.

e.g. In every role, my unwavering optimism galvanized teams to achieve greatness.

### **Empathetic:**

My keen sense for others' emotions bridges the gap between technical minds and the human spirit, seamlessly connecting diverse personalities towards a united mission.

e.g. At CE, I stood as a nexus between sales, analytics, and clients, constantly walking in their shoes and amplifying unheard voices. Similarly, at Cisco, I resonated with cross-departmental challenges, forging connections.

### **Humble:**

I view myself as an evolving canvas, always open to feedback and seeking avenues for enhancement.

e.g. In management sessions, I ardently seek constructive feedback to refine my approach.

### **Passionate:**

When I'm immersed in my passions, my enthusiasm is contagious. My fervor extends to AI, human connections, music, self-betterment, and the art of learning.

e.g. In AI workshops, my excitement sparks a collaborative, energetic environment.

### **Philanthropic:**

With a profound love for humanity, I'm driven to uplift lives. Through technology, I'm on a relentless quest to leave a lasting societal imprint.

### **Honest:**

I champion honesty as the ultimate compass. Through transparency, I believe we find the best alignments and solutions.

### **Eager to learn:**

I am curious and have an appetite for knowledge.

### **Dedicated:**

I am unwavering in my commitment, always giving my utmost to every endeavor.

### **Integrity:**

My moral compass is steadfast, ensuring I act with honor in every situation.

### **Resourceful:**

I thrive in challenges, always finding innovative solutions to complex problems.

## **Workstyle**

### **Project Focus:**

My most productive weeks come from setting up a focus block for a few hours in the morning where I can spend focused time doing deep work on one task/project (e.g. writing code)

### **Learning and Self Improvement:**

I have been on a journey of self improvement and enjoy learning about topics I am curious about. I spent the better part of the last few years taking courses on AI/ML, listening to podcasts on the same topic as well as on the topic of improved health and lifestyle (e.g. Huberman Lab, which is focused on applying scientific research to everyday behaviors). I think having some dedicated time spent towards learning a new skill or improving one is critical and leads to compounding benefits.

### **Community discussion:**

I thoroughly enjoy meeting with people and learning about what they do, why, and what interests them. I find people fascinating, especially when we share some mutual interests and are both trying to solve similar problems.

*My unique strength lies in bridging the gap between engineering and business minds. By employing heightened awareness and deep-rooted empathetic compassion, I can grasp varied perspectives, aligning teams based on shared values. This ability is invaluable because it fosters collaboration and drives innovation, ensuring that technical solutions align seamlessly with business objectives. Such synergy is rare and essential in today's complex business landscape.*

## **Christos: Machine Learning Engineer & LLM Aficionado**

### **Summary:**

Driven by a profound passion for AI and ML, I am keen to harness tools like LangChain and LlamaIndex to advance GenAI applications. My experience with leading cross-functional teams and my unique blend of professional skills - from empathy and humility to integrity and dedication - make me an invaluable asset to teams aiming to make a world of difference.

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### **Recent Experience Highlights:**

#### **Learvo · AI/ML Engineer · San Francisco Bay Area**

Aug. 2023 - Current

- Collaborating toward development of an AI agent dedicated to assisting students in subjects like medicine by utilizing mnemonic devices.
- Employing advanced LLM tools, including LangChain and OpenAI, in an exploratory development framework to ensure mnemonic learning tools are effective.

#### **AI Makerspace**

Aug. 2023 - Sep. 2023

- Specialized in utilizing LLMs for revolutionary product development, with a particular inclination towards LangChain and LlamaIndex frameworks.
- Played a key role in open-source LLM projects, contributing to the development of pioneering Generative AI applications.

#### **Kaleidoscope Data · AI/ML Engineer · San Francisco Bay Area**

Apr. 2023 - Aug. 2023

- Spearheaded research, using various LLM and embedding-based strategies for a pivotal classification task.
- Skillfully manipulated data using Python and SQL, relying on OpenAI API for optimized data processing.

#### **FourthBrain**

Dec. 2022 - May 2023

- Immersed in Data-centric AI, ML Modeling, AI Applications, and MLOps.
- Explored the realms of Generative AI, with hands-on experience in deploying LLM applications, teaching new structures to LLMs, and developing responsive Q&A tools.

## ***Skills Appendix***

### **PROFESSIONALISM:**

Project Management, End-to-End Development, Resource Management, Conflict Resolution, Critical Thinking, Story Telling, Leadership, Communication, Collaboration, Creativity

### **PROGRAMMING:**

Python, SQL, R, HTML, Git, Bash, Unix, Excel, Visual Basic, NumPy, Pandas, Matplotlib, Seaborn, Scipy, Scikit-learn, MLLib, PySpark (Koalas), Jupyter, FastAPI, Flask, Django, Altair, Streamlit

### **MACHINE LEARNING:**

ML Ops, ML Engineering, Data Wrangling/Scraping, Data Engineering, EDA, Data Analysis, Statistical Inference, Data Visualization, CI/CD, Continuous Monitoring

### **PLATFORMS:**

GCP (BigQuery, Data Studio, Dataflow, AutoML, VertexAI, Datalab, Dataprep), AWS (S3, EC2, EMR, Elastic Beanstalk, SageMaker), Databricks, Airflow, Docker, Kubernetes, Bootstrap, Tableau

### **ARTIFICIAL INTELLIGENCE:**

NLP (LDA, BoW, TF-IDF, word2vec, seq2seq), Computer Vision (Classification, Object Detection, Semantic Segmentation), Audio Signal Processing (librosa, torchaudio, wav2vec)

### **DEEP LEARNING:**

TensorFlow (Lite, Keras), PyTorch (fast.ai, Lightning), MLPs, CNNs, RNNs (GRU/LSTM), GANs (cGAN/WGAN/CycleGAN), Transformers (BERT, DistilBERT)

### **ALGORITHMS:**

Linear Regression, Logistic Regression, SVMs, Random Forests, XGBoost, K-means, DBSCAN, PCA