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News Letter #1

Deeply curious

Fiercely intelligent

Big thinker

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January 2024

Upcoming Events

15
Jan

5:00 PM – 7:00 PM

AI Agents: Founders & Investors @ Stanford

STANFORD UNIVERSITY

▶ **REGISTER NOW**

23
Jan

9:00 AM – 3:00 PM

Qdrant AI Builders: Agentic RAG @ AWS Loft

aws

▶ **REGISTER NOW**

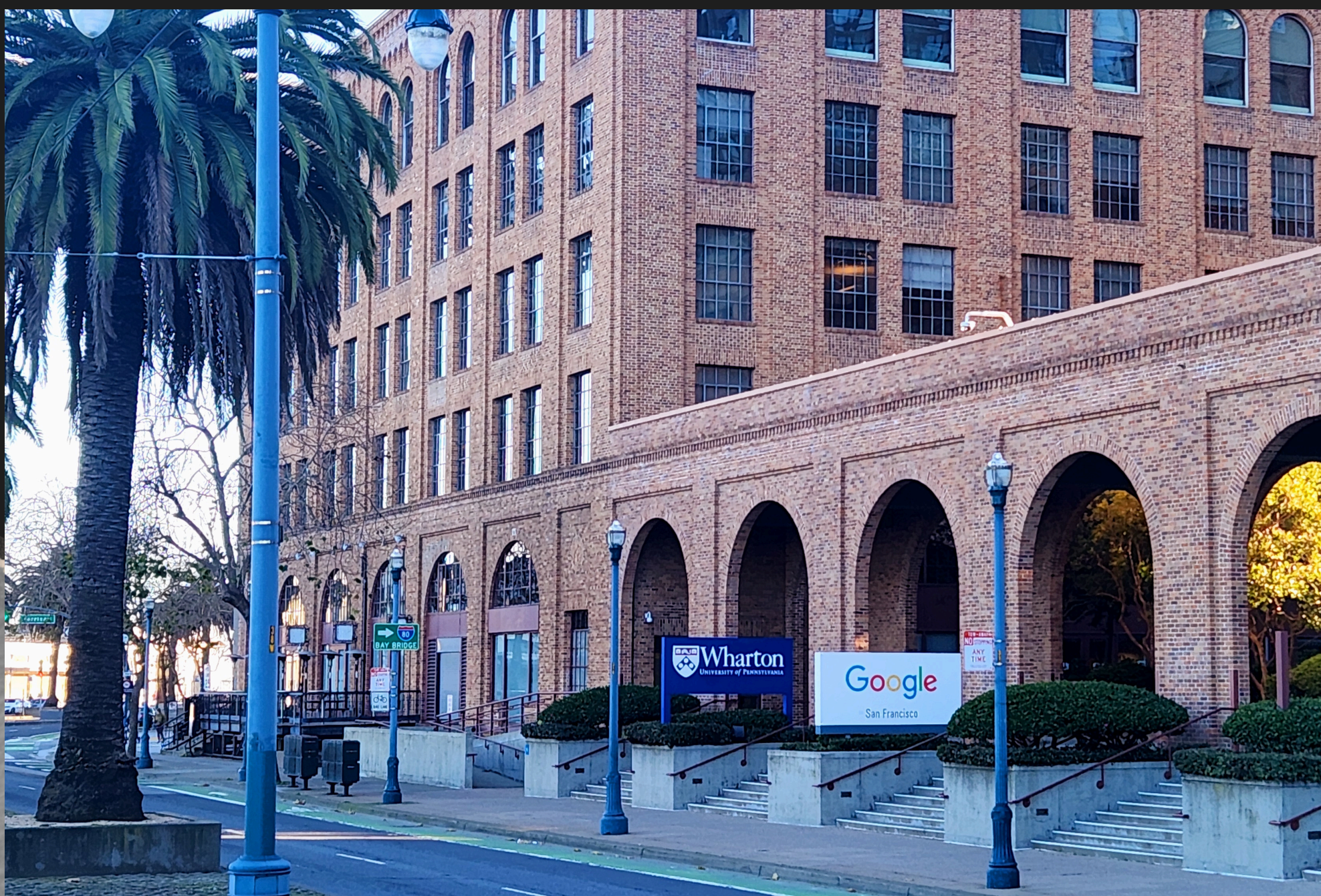NU READERS
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EVENTS & RECAP

ATTENDED: JANUARY 11
11:00 AM - 2:00 PM
SAN FRANCISCO

BUILD AGENTS WITH CREWAI & AZTP

AI Agents

AI agents are autonomous systems that can perceive their environment, make decisions, and take actions.

Three mains components:
- *Sensor: responsible for collecting input from the environment.*

- *Actuator: carries out the actions the agent decided to take.*

- *Data Processing: data cleaning and normalization, and everything needed to take a decision.*

CREW AI

github.com/ crewAIInc/crewAI

24.5k stars

Sequential or parallel workflows

Release 0.95.0

Role-playing: Assign specialized roles to agents
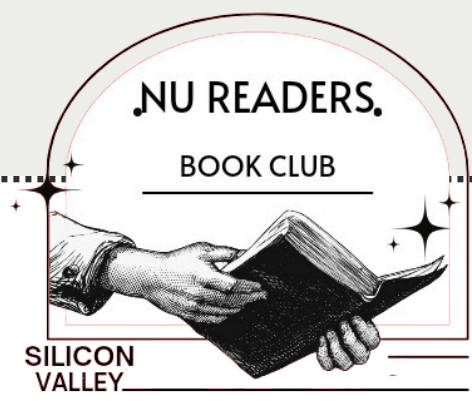
orchestrating autonomous AI agents

```
pip install crewai crewai-tools
crewai create crew <project_name>

components:
    Config files (agents.yaml, tasks.yaml)
    Environment settings (.env)
    Main execution files (main.py, crew.py)
    Custom tools directory (tools/)
```

- Agents
- Tasks
- Crews
- Flows
- Knowledge
- LLMs
- Processes
- Collaboration
- Training
- Memory
- Planning
- Testing

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