Inference Class 1

MCP Automation Test

Summary of Plugin Tasks Completed

Date: July 26, 2025

Status: ✅ Completed

---

1. 🔍 Brave Search Plugin

Task: Research AI paper publication platforms

Objective: Find and return top 3 results with titles and links

Results:

- **arXiv** (https://arxiv.org/list/cs.AI/current) - Premier preprint repository for AI research
- **OpenReview** (https://openreview.net/) - Transparent peer review platform for major AI conferences
- **PMLR** (https://proceedings.mlr.press/) - Official publication platform for ML research proceedings

Status: ✅ Successfully retrieved comprehensive results

---

2. 🐙 GitHub Plugin

Task: Connect to GitHub account and retrieve commit history

Repository: `felixpeng24/algo`

Objective: List 5 most recent commits

Results:

1. `cc973249` - "Cycle in undirected graph" (July 24, 2025)
2. `dd2c5b60` - "Friend Groups" (July 24, 2025)

3. `aef890a0` - "Building Binary Trees recursively" (July 22, 2025)

4. `6cdb18b4` - "Longest prefix which is also a suffix" (July 20, 2025)

5. `3217630d` - "Look and say" (July 20, 2025)

Status: ✅ **Successfully connected and retrieved commit data**

---

3. 🖥️ Puppeteer Plugin

Task: Web automation and screenshot capture

Target: https://www.inference.ai/

Objective: Navigate to site and capture full-page screenshot

Output: Screenshot saved as `example.png`

Site Content Captured: GPU virtualization service landing page with "Get Your Fractionalized GPUs" messaging

Status: ✅ **Successfully automated browser and captured screenshot**

---

4. 📁 Filesystem Plugin

Task: Local file system operations

Objective: Create folder structure and file on Desktop

Actions Completed:

- Created directory: `/Users/felixpeng/Desktop/mcp_test/`
- Created file: `hello.txt` with content "Hello MCP!"

Status: ✅ **Successfully created folder and file**

---

5. 🧠 Sequential Thinking Plugin

Task: Create step-by-step technical interview preparation plan

---

Overall Test Results

Plugins Tested: 5

Key Achievements:

- Web scraping and research capabilities verified

- GitHub integration functional

- Browser automation working

- Local filesystem access confirmed

<u>Nuclear Fuel Data Research Database</u>