

# Bennett Nguyen - Aparavi Interview Cheat Sheet

## Introduction

Hi, I'm Bennett - I'm currently pursuing my Master's in Computer Science and Engineering at Santa Clara University. I've been focusing a lot on AI, especially the practical use of large language models and retrieval-based systems. I'm excited about this role because it aligns closely with the kind of work I've already started exploring on my own.

## Why I'm Interested in Aparavi

Aparavi really stood out to me because of how you're applying AI to solve real business problems with unstructured data. I think that's one of the most valuable and challenging areas in AI right now. I also saw that you're working with technologies like RAG, LangChain, vector databases - which I've used in my own project - so it feels like a natural fit.

## Relevant Project - What I Built

I recently worked on a project where we analyzed software engineering job listings using a Retrieval-Augmented Generation approach. We scraped job posts from sites like LinkedIn and Indeed using Python and Selenium, generated embeddings using OpenAI, and stored those in a vector database. Then we built a retrieval system using LlamaIndex and LangChain to answer natural language questions based on the job data.

That experience gave me hands-on practice with building a full AI pipeline - from data collection to retrieval to prompt response. And it's what made me so interested in a role like this, where I could keep working with RAG systems in a more structured, real-world environment.

## Technical Skills / Tools I've Used

Python, Selenium, Pandas

OpenAI embeddings

LangChain, LlamaIndex

Vector databases (e.g. FAISS)

Prompt engineering / query pipelines

Retrieval-Augmented Generation (RAG)

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Some Firebase, some exposure to transformers and Hugging Face

## **What I'm Looking for This Summer**

I'm looking for hands-on experience working on real AI features in a production setting. I want to learn how teams like yours manage model context, retrieval logic, and system reliability when deploying LLM-based tools. I'd also love to grow in an environment where I can get mentorship and learn from experienced engineers.

## **Strengths I Bring**

I'd say I'm a strong self-learner - I've taught myself a lot of AI tools by building projects outside of class. I'm very comfortable breaking problems down, picking up libraries quickly, and building things end-to-end. I also try to communicate clearly, especially when collaborating or debugging with others.

## **Why I'd Fit In at Aparavi**

I think I'd be a good fit because I'm genuinely curious about the exact space you're in - using AI to unlock unstructured data - and I've already started building those kinds of systems. I work well in fast-moving environments, I like solving problems from scratch, and I'm excited to grow in a place that values innovation and teamwork.

## **Questions to Ask Them**

- What would a successful intern look like at Aparavi?
- Will I have a chance to work directly on RAG or LLM-based features?
- What does mentorship or feedback look like during the internship?
- How do you decide what AI tools or models to adopt internally?