

GDG On Campus: Gemini Developer Bootcamp - GDG On Campus Gemini Developer Training Camp Event Proposal

Written by: Organized by:

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1. Event Name:

GDG On Campus: Gemini Developer Bootcamp -
GDG On Campus Gemini Developer Training Camp

2. Event Purpose:

- **Cultivate Practical Skills in Generative AI:**
Through a hands-on course design, assist participants in mastering Gemini API development and application, enhancing AI integration capabilities.
- **Create a Platform for Technical Exchange:**
Gather developers of varying skill levels to create opportunities for experience sharing and discussions, fostering technical exchange within the community.
- **Promote AI Technology Applications:** Introduce diverse use cases of generative AI, inspiring participants to explore innovative solutions.
- **Lower the AI Learning Barrier:** Provide structured learning content, allowing

participants from different backgrounds to gradually understand and apply AI technologies.

- **Connect Developer Community Resources:** As part of the GDG on Campus activities, allow participants to access a broader range of developer community resources, expanding their technical perspectives.

3. Event Date and Time:

January 10th, 7:00 PM - 9:00 PM

4. Event Location:

Online via Google Meet

5. Event Instructors:

1. GDG on Campus STUST Lead: Lu Bo-Jun
2. GDG on Campus NSYSU Lead: Wu Kai-Jun

6. Event Target Audience:

Members of the GDG on Campus community from the following universities: Kaohsiung University, Chung Shan Medical University, National Kaohsiung

University of Science and Technology, National Sun Yat-sen University, National Taipei University, National Chengchi University, Feng Chia University, and Southern Taiwan University of Science and Technology.

7. Event Structure:

- Event and instructor introduction
- (First Session) Gemini Developer Bootcamp: Gemini Language Model API Integration and Application
 - What is a large language model? What is Gemini?
 - Starting with AI Studio...
 - Setting up local environment
 - Calling Gemini responses through API locally
 - Using Flask server as an example to apply Gemini API in Python

- (Second Session) Introduction and Implementation of RAG
 - What is RAG?
 - Comparison between RAG and other approaches.
 - Implementing RAG using Vertex AI Gemini API.
 - Summary of what we' ve done.
 - Q&A

8. Staff Allocation

Group	Personnel	Remarks
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Host	1	
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Instructor	2	
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On-call	1	
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9. Event Schedule (Tentative):

Time	Activity	Remarks
19:00	Event and instructor introduction	Participants scan the Slido QR code (for post-event Q&A / preliminary questions)
19:10		
19:10	Gemini Developer Bootcamp: Gemini API	
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20:00	Integration and Application	
20:00	Introduction and implementation of	
-		
20:50	RAG	
20:50		
-	Q&A	
21:00		
10.	Q&A Form	
11.	Event Promotion (Instagram Post)	
12.	Event Budget: Free	

Let me know if you'd like any further adjustments or assistance!