Generative AI for Developers (TTAI2305)

Price: 2495

Duration: 3 days

Delivery Methods: Virtual

Overview

Generative AI is an exciting frontier in artificial intelligence, enabling the creation of new data, automated content, and enhanced user experiences across industries. Its capabilities drive efficiency and innovation, allowing developers to produce dynamic content, generate code and documentation, improve user interfaces, and design custom recommendations. By harnessing generative AI, developers can build efficient, tailored solutions for various applications.

Turbocharge Your Code! Generative AI Boot Camp for Developers is a three-day, hands-on course designed for experienced programmers ready to master generative AI techniques and tools. This intensive program will transform your approach to software development, equipping you to generate code, create documentation, automate testing, enhance UI/UX, and develop adaptive content. With companies like NVIDIA, OpenAI, and Google leading the way, generative AI is setting new standards for innovation.

Throughout the course, you'll work with advanced AI models such as GANs, VAEs, and Transformers, enabling you to produce content, documentation, and tests, personalize user interfaces, and deploy AI-driven solutions. The curriculum covers everything from foundational principles to advanced applications, including ethical AI practices, with hands-on labs where you'll develop and deploy custom models using leading tools like TensorFlow and Hugging Face Transformers.

Audience Profile

The ideal audience for this intermediate and beyond level course consists of experienced software developers, programmers, and engineers who are eager to learn and adopt cutting-edge

generative AI techniques in their projects. The course is tailored for experienced professionals with a background in programming and a basic understanding of artificial intelligence and machine learning concepts.

Attendee roles might include:

· Software Developers/Programmers: Professionals who want to integrate generative AI into their projects for tasks like code generation, documentation, and testing.

· Data Scientists: Those looking to expand their skillset by incorporating generative AI models into their data analysis and prediction tasks.

· Machine Learning Engineers: Individuals who want to specialize in developing and deploying generative AI models for various applications.

· AI Researchers: Academics and researchers interested in exploring the latest advancements in generative AI and their potential applications in software development.

· User Interface (UI) and User Experience (UX) Designers: Professionals who want to leverage generative AI for creating dynamic and adaptive interfaces.

· Technical Product Managers: Managers who oversee the development of AI-driven products and want to understand how generative AI can enhance their offerings.

· Technical Team Leads: Supervisors responsible for guiding development teams and looking for innovative ways to incorporate generative AI into their projects.

At Course Completion

Working in an interactive learning environment, led by our engaging AI expert you'll:

· Develop a strong foundational understanding of generative AI techniques and their applications in software development.

· Gain hands-on experience working with popular generative AI models, including Generative Adversarial Networks (GANs), Variational Autoencoders (VAEs), and Transformer models.

· Master the use of leading AI libraries and frameworks, such as TensorFlow, Keras, and Hugging Face Transformers, for implementing generative AI models.

· Acquire the skills to design, train, optimize, and evaluate custom generative AI models tailored to specific software development tasks.

· Learn to fine-tune pre-trained generative AI models for targeted applications and deploy them effectively in various environments, including cloud-based services and on-premises servers.

· Understand and address the ethical, legal, and safety considerations of using generative AI, including mitigating biases and ensuring responsible AI-generated content.

Course Schedule

Date	Time	Price	Options
06/01/2026	09:00 AM - 05:00 PM CT	2,495.00	**Buy Now Enroll**
08/31/2026	09:00 AM - 05:00 PM CT	2,495.00	**Buy Now Enroll**

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FAQ

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Ten (10) business days' notice is required to reschedule a class with no additional fees. Notify TOPTALENT LEARNING as soon as possible at 469-721-6100 or by written notification to info@toptalentlearning.com to avoid rescheduling penalties.

How do I enroll for this class?

Please contact our team at 469-721-6100; we will gladly guide you through the online purchasing process.

What happens once I purchase a class?

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What is your late policy?

If a student is 15 minutes late, they risk losing their seat to a standby student. If a student is 30 minutes late or more, they will need to reschedule. A no-show fee will apply. Retakes are enrolled on a stand-by basis. The student must supply previously issued courseware. Additional fees may apply.

What happens when I finish my class?

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