

Training for architects

At Doussou Formation, we offer training on the most advanced tools for engineers and professionals in 3D modeling and design. Our courses, delivered by experts, cover a wide range of industry-recognized software to meet your specific needs in design, animation, and rendering. Discover below the training programs we offer:

3ds Max combined with V-Ray is an industry standard for high-end architectural visualizations thanks to its ability to produce high-quality photorealistic renderings.



- 3ds Max and V-Ray
- [\[Details\]](#)

Accelerate your architectural projects with Lumion, a real-time rendering software. Learn to create ultra-realistic 3D visualizations for your architectural designs.



- Lumion
- [\[Details\]](#)

Unreal is a powerful real-time rendering engine used in architecture, gaming, and film. Our training will help you integrate Unreal into your 3D

visualization projects.



- Unreal
- [\[Details\]](#)

This training will teach you how to master Twinmotion to create real-time architectural renderings, including animations and immersive visualizations for project presentations.



- Twinmotion
- [\[Details\]](#)

Blender is an open-source software capable of everything from 3D modeling to animation and complex simulations. Learn to create complete projects with guidance from our expert instructors.



- Blender

- [\[Details\]](#)

Vantage allows you to create ultra-fast photorealistic renderings. This training is ideal for those wishing to integrate high-end visualizations into their workflow.



- Vantage
 - [\[Details\]](#)
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ZBrush is the industry standard for digital sculpting. Learn to create detailed characters and 3D models used in films, video games, and animations.



- ZBrush
- [\[Details\]](#)

Autodesk Maya is a key tool for animation and visual effects. This training will teach you how to create animations and 3D models for your projects.



- Maya
- [\[Details\]](#)

Why Choose Doussou Formation?

- **Certified instructors** who are experts in their field.
- **Personalized approach** with hands-on workshops tailored to your needs.
- **Professional certificates** available at the end of each training.
- **Flexible learning options:** online or in person depending on your preference.

Join our training programs and develop advanced skills on the software tools that will make a difference in your engineering, design, and visualization projects.

Feel free to contact us for more information or to register for our training sessions.

By email: info@doussou-formation.com

[macOS for Professionals: From File Management to Pages & Numbers Mastery](#)

Module 1 – Introduction to the Mac Environment

- Getting started with macOS and its intuitive interface
- Exploring the Desktop, Dock, menu bar, and essential shortcuts
- Mastering window management, workspaces, and Mission Control
- Basic settings to optimize the user experience: keyboard, mouse, trackpad
- Organizing files and folders through Finder for greater productivity
- Smart searching with Spotlight and voice assistance with Siri

Module 2 – Optimizing Mac Management for Daily Use

- Create, save, and efficiently organize your documents
- Use iCloud for automatic backup and multi-device synchronization
- Discover essential built-in apps: Safari, Mail, Calendar, Notes
- Ensure workstation security: passwords, updates, privacy settings

Module 3 – Mastering the Basics of Numbers

- Discovering the Numbers interface and how it works
- Creating and saving professional spreadsheets
- Entering, formatting, and structuring data
- Essential formulas: sums, averages, percentages
- Applying conditional formatting and using filters
- Designing clear and impactful charts
- Exporting and sharing to Excel, PDF, or via iCloud

Module 4 – Enhancing Your Content with Pages

- Introduction to Pages: interface, navigation, and layout logic
- Create professional documents with text, visuals, and graphic elements
- Leverage templates to speed up document creation
- Use styles, manage headers/footers, and pagination
- Insert tables and charts from Numbers
- Work collaboratively with iCloud and real-time comments
- Export to Word, PDF, or ePub formats

Module 5 – Practical Workshop and Hands-On Application

- Complete creation of a professional document in Pages integrating:
 - structured and styled text,
 - a table from Numbers,
 - a customized illustrative chart.
- Optimizing the final layout and exporting to PDF
- Simulating document sharing with a collaborator (collaborative workflow)

Estimated duration: 1 full day (or 2 half-days depending on your internal needs)

Foxit PhantomPDF Training: Mastering Interactive PDF Forms

Create and Customize Interactive Forms with Foxit PhantomPDF

- Identify the key features of a professional interactive PDF form
- Add and style text input fields with precision
- Set validation rules to control data entry and improve accuracy
- Use grid alignment tools for clean, consistent layouts
- Insert selection elements such as checkboxes, dropdown menus, and radio buttons
- Create automatic calculation fields (totals, percentages, etc.)
- Add reset buttons to enhance the user experience
- Define a logical tab order for smooth and intuitive navigation

Integrate Digital Signatures into Your PDFs

- Configure a digital signature manager suited to your workflow
- Set password and security level options for each signature
- Insert custom image-based signatures for personalization
- Apply digital signatures across your interactive forms

Protect and Secure Your PDF Documents

- Use redaction tools to hide or remove sensitive information
- Apply password protection based on access levels (viewing, editing, printing)

Optical Character Recognition (OCR)

- Activate OCR to convert scanned documents into editable text
- Customize search and text extraction options for efficiency

Customize Your PDF Workspace in Foxit PhantomPDF

- Adjust the interface display to suit your preferences and workflow
- Manage comment and annotation settings for better collaboration
- Enable full-screen reading mode for enhanced document visibility
- Set default document launch properties (zoom level, initial view, etc.)
- Configure grids, guides, and layout options for precise form design

PDF-XChange Editor for Business: Interactive PDF Forms & Security

Introduction to the [PDF-XChange Editor Training](#)

This training introduces you to the advanced features of **PDF-XChange Editor**, with a specific focus on the creation, customization, and protection of **interactive PDF forms**. You will learn how to design dynamic, professional documents tailored to your business processes.

Creating and Structuring Interactive Forms with PDF-XChange

- Identify the key features of user-friendly and optimized PDF forms
- Insert and format text fields efficiently
- Apply input validation rules to ensure data consistency
- Use alignment grids for clean and professional layouts
- Add checkboxes, dropdown lists, and radio buttons
- Create automatic calculation fields (e.g., sums, percentages)
- Insert reset buttons to improve user experience
- Define intuitive tab order for seamless form navigation

Managing Digital Signatures

- Set up a digital signature manager
- Configure security levels and password options
- Insert a personalized image-based signature
- Apply and manage electronic signatures on forms

Form Protection and Security

- Use redaction tools to hide sensitive information
- Apply various password protection methods

Optical Character Recognition (OCR)

- Activate text recognition on scanned documents
- Configure OCR settings for advanced search and text extraction

User Preferences and Interface Customization

- Customize the workspace layout for greater productivity
- Adjust annotation and comment settings
- Enable and fine-tune full screen mode
- Modify document opening properties
- Configure visual guides such as grids and rulers

Nitro PDF Essentials – Learn to Create, Edit & Manage Professional Documents

Introduction to the [Nitro PDF Training](#)

This training provides a comprehensive introduction to **Nitro PDF**, a powerful and user-friendly solution for creating, editing, organizing, and optimizing your PDF documents in a professional setting.

Overview and Navigation of the Nitro PDF Interface

- Presentation of the workspace
- Navigation through main tabs and features
- Smooth document navigation
- Managing display settings and zoom levels
- Using viewing tools efficiently
- Preparing PDF files for printing

Creating a PDF File with [Nitro PDF](#)

- Generate a PDF from third-party software (Word, Excel, etc.)
- Convert text or image files into PDF format
- Insert clipboard content directly into your PDF
- Extract content and convert it to RTF or image format

Editing PDF Content

- Edit and update existing text
- Manipulate graphic objects and visual elements
- Add images and additional design elements

Creating Interactive Navigation in a PDF

- Use page thumbnails for fast navigation
- Create bookmarks and internal links
- Add interactive buttons to your documents
- Structure your PDF with logical article flows

Page Management with Nitro PDF

- Crop and rotate pages
- Insert or merge documents

- Reorganize pages: move, copy, or delete
- Extract or replace specific pages
- Renumber pages based on your structure

Adding and Managing Comments

- Open and use the comment panel
- Add annotations, notes, or review marks
- Use proofreading marks efficiently
- Track, sort, and moderate comments

Using Optical Character Recognition (OCR)

- Understand how OCR works in Nitro PDF
- Configure text recognition properties
- Search, select, and extract text content

Customizing Your User Experience in Nitro PDF

- Set up your workspace according to your preferences
- Customize comment and annotation settings
- Activate and personalize full-screen display mode
- Define document launch properties
- Set up grids and guides for layout precision

Conclusion of the Nitro PDF Training

By the end of this training, you will be able to use **Nitro PDF** like a pro – fully leveraging its features to create, edit, and manage your PDF documents efficiently. A must-have skill to boost your productivity and enhance the quality of your digital communication.

Excel Essentials Training – Master the Foundations for Professional Efficiency

Introduction to the [Excel Essentials Training](#)

Module 1 – Get Started with Excel: Interface and Core Features

- Familiarize yourself with the Excel interface: Ribbon, Quick Access Toolbar, and menus

- Understand the structure of an Excel file: workbooks, sheets, and cells
- Manage data efficiently: auto-fill, freeze panes, and smooth navigation
- Boost your productivity with essential keyboard shortcuts and time-saving tricks
- Customize your workspace for a streamlined experience
- Create, name, and organize tabs to structure your work effectively

Module 2 – Simplify Calculations with Named Ranges

- Create custom names for cells or data ranges
- Navigate large spreadsheets easily using named references
- Manage and edit names using Excel's Name Manager
- Insert named ranges into formulas for greater clarity and control

Module 3 – Build Professional Tables and Set Up for Printing

- Apply automatic formatting to improve table readability
- Create and reuse custom styles for a consistent design
- Use conditional formatting to highlight key data points
- Master sorting and filtering tools for data analysis
- Adjust cell formats for numbers, dates, currency, and text
- Set up your tables for clean, print-ready output (margins, orientation, headers)

Module 4 – Master Essential Excel Formulas

- Understand the difference between relative and absolute references
- Search, insert, and combine functions to automate calculations
- Work with foundational formulas: **SUM**, **AVERAGE**, **MAX**, **TODAY**
- Implement logical formulas (**IF**), text functions, and date calculations

Figma UX/UI Course – Build Smart & Responsive Web Prototypes

Learning Objectives – Figma UI/UX Design

- Learn how to structure a web interface using modern UX principles
- Design a consistent, professional UI based on a client brief
- Master Figma to create, organize, and reuse design components
- Prototype interactive interfaces with realistic transitions and user behaviors
- Facilitate smooth collaboration with developers through well-prepared mockups

Module 1 – Introduction to UX/UI and Figma

- Understand the essential roles of UX and UI in interface design
- Apply best practices in layout structure and usability
- Get started with Figma: interface, pages, layers, and frames
- Organize a Figma project using grids, constraints, and responsive design principles

Module 2 – Designing Web Interfaces with Figma

- Create reusable UI components (buttons, cards, menus)
- Use advanced features like variants and auto-layout
- Define consistent visual styles: colors, typography, effects
- Import visual assets such as logos, images, and icons

Workshop 1: Build a Component Library – *Create a simple, reusable, and consistent Design System*

Module 3 – Interactive Prototyping in Figma

- Add dynamic interactions: clicks, transitions, animations
- Create simulated navigation with scrolling and internal linking
- Integrate forms and user behaviors into your designs
- Preview and test the prototype as if it were a real website

Workshop 2: Build an Interactive Prototype – *Design a smooth and engaging user journey*

Module 4 – Collaboration & Delivery

- Collaborate effectively in Figma using comments, sharing, and version control
- Use Dev Mode to inspect layouts, generate CSS, and access specs for developers
- Prepare and export a polished mockup for client delivery or presentation
- Explore complementary tools like FigJam and essential Figma plug-ins

Workshop 3: Prepare a Client Presentation – *Structure and present a professional Figma file*

Creative AI with Adobe: Boost Your Visual Workflow

Introduction to AI in Graphic Design

- Overview of generative AI
- Challenges and benefits in the creative workflow

Photoshop & Generative AI

- Using intelligent selection tools (Object Selector, Sky, Subject)
- Creating layer masks
- Removing unwanted elements using Generative Fill
- AI-powered background replacement
- Adobe Generative Expand: how it works and best practices

Workshop 1 – Retouch an existing image using AI tools

Objective: Remove an element, change the background, and apply a mask using the AI extension

Illustrator & Generative AI

- Generate simple graphic elements via prompts (objects, icons, scenes)
- Apply visual reference styles
- Use filtered searches and get tailored results
- Create generative vector patterns
- AI-powered recoloring of illustrations

Workshop 2 – Create a mini brand identity using AI

Objective: Generate a set of assets (icon, pattern, recoloring) from a simple creative brief

New: InDesign & Image Generation

- Generate images directly in InDesign from a prompt
- Choose and adapt styles to match your layout
- Use cases: cover images, ambient illustrations
- Hands-on: quickly build a layout using a generated image
- Professional workflow insights (validation, editing in Photoshop/Illustrator)

Workshop 3 – Design a cover or promo sheet using AI-generated visuals

Objective: Use image generation in a layout tailored to the document's style and purpose

AI: Evolution, Understanding, Application, and Programming

Module 1: Introduction to Artificial Intelligence

- Overview and Q&A session (1h30)
- Definition and evolution of AI:
 - Terminology and evolution
 - From early algorithms to neural networks
 - Deep Learning and Generative AI
 - Weak, General, and Superintelligent AI
 - Examples of applications across sectors
- Factors supporting AI:
 - Algorithmic and heuristic structures
 - Hardware aspects (CPU, GPU, TPU)
 - Languages (R, Python, C++, Rust, Mojo)
 - Software and frameworks
- Introduction to Machine Learning:
 - Main model categories
 - Supervised and unsupervised learning
 - Applications and use cases
- Introduction to Deep Learning:
 - Differences from Machine Learning
 - Concepts and models
 - Applications and use cases
- Natural Language Processing features
- Overview of Generative AI:
 - Language, image, and multimodal models
 - Market applications and products
 - Example: Google Gemini
- Issues and risks:
 - Ethics and bias
 - Privacy and environmental impact
 - Risk of dystopian outcomes

Module 2: AI Demonstration

- Overview and Q&A session (1h30)
- DevOps and AI pipelines:
 - Data preprocessing
 - Training and optimization
 - Deployment
- Machine Learning in practice:

- Demo with Scikit-Learn
- User-friendly approach with PyCaret
- Note: Source code via Google Colab
- Deep Learning in practice:
 - Demo with Numpy
 - Using PyTorch
 - Note: Source code via Google Colab
- Generative AI:
 - Exploring large language and multimodal models
 - Fine-tuning and autonomous agents
 - Note: Hands-on in the next module with Google Gemini

Module 3: Using Google Gemini

- Hands-on experimentation with Google Colab (3h30)
- Using the chatbox:
 - Crafting simple prompts
 - Tips for Python and other technical prompts
- Using the Python API:
 - Designing advanced prompts
 - Code optimization and unit testing
- Using Gemini Studio:
 - Fine-tuning and Retrieval-Augmented Generation
 - Building an autonomous agent
 - Experimental projects with Python and more

Follow-up training with OpenAI

[OpenAI Training for Developers](#)

Corporate Training

If there is one field that is constantly evolving, it's information technology. To stay on top of the latest trends, today's companies must invest in staff training. And when companies seek IT training, they turn to Doussou Formation. Doussou Formation offers more than 101 training titles ready for you.

- Our team consists of 15 experts in their respective fields.
- We prioritize small groups (maximum of five learners) to maximize personalization, retention, and hands-on practice.
- 97% of our clients are satisfied with our training programs.

Our trainers come to your company, which allows you to:

- Avoid productivity loss due to employee travel.
- Work directly with your equipment and software to maximize knowledge transfer.
- Incorporate your internal context and tailor the training to your realities.
- Share confidential information among colleagues without concern.
- Build even stronger team spirit.

– Companies such as TC Transcontinental, Vidéotron, Bell Media, Desjardins, and National Bank, to name a few, have placed their trust in us.

Steps for Corporate Training:

- Identification of training needs.
- Profiling of learners to better understand their expertise level on the topic.
- Development of a customized training plan.
- Integration of relevant examples from the company's industry.
- Development of training and support materials.
- Selection of the most suitable trainer based on objectives and industry.
- Training delivery.
- Participant evaluation of the session.
- Training feedback, and
- Personalized coaching as needed.

Our Information Technology (IT) Training Courses:

- Design Training (Photoshop, Illustrator, InDesign, InCopy);
- 3D Programming (Rhino 3D);
- Programming (Python, Java, C#, PHP);
- Website Creation (HTML, CSS, Angular, ReactJS, WordPress);
- Office 365: Outlook, Word, PowerPoint, Excel, Access, OneNote, OneDrive, Power BI, Flow, Forms, Stream, Teams, Yammer, SharePoint, Planner, Skype;
- Project Management;
- – and many more

Our Human Capital Training Courses:

- Training: Managing a Difficult Employee;
- Training: Conflict Management in the Workplace;
- Professional Efficiency: Managing Your Time and Priorities

Tell Us About Your Needs

Receive a service proposal with no obligation on your part

Can't find the training you're looking for? Doussou Formation can create a custom program. Stay up to date with our latest training courses by subscribing to our newsletter. You'll receive new course titles as soon as they're launched, along with an exclusive introductory discount. It pays to subscribe.

By email: info@doussou-formation.com