Django Unleashed

By Andrew Pinkham

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Django is an amazingly powerful system for creating modern, dynamic websites. But programming Django hasn't always been easy–until now. ***Django Unleashed*** is your step-by-step, beginner-friendly guide to leveraging Django's core capabilities and its powerful contributed library. You'll learn in the most effective way possible: hands on, by building a fully functional Django website from scratch. You'll even deploy the website to the cloud.

As you build your website, expert Django consultant and trainer Andrew Pinkham reveals how websites operate; how Django makes building websites easy; how to write Python code that leverages its immense capabilities; and how to build solutions that are robust, reliable, and secure. You'll start simply and learn to solve increasingly challenging problems: mastering new features and understanding how Django's architecture shapes their behavior, and gaining essential knowledge for working with any web framework, not just Django.

Drawing on his extensive experience teaching Django, Pinkham answers the key questions beginners ask most often. And as you gain experience, you'll learn advanced techniques for enhancing site functionality and performance, strengthening security, promoting code reuse, and much more.

Detailed information on how to…

- Quickly start a new Django project and establish a strong foundation for a growing site
- Define how your data is organized and create a SQLite database to manage it
- Quickly produce HTML with Django templates
- Create dynamic webpages with Django's URL patterns and views, including function views, class-based views, and generic views
- Enable efficient, reliable data input with Django Forms and custom form validations
- Understand the Model-View-Controller (MVC) architecture, compare it to Model-Template-Views, and gain a holistic understanding of Django's structure
- Write as little code as possible, simplify code reuse, and mitigate software decay by adhering to the Don't Repeat Yourself paradigm.
- Dive into Django source code to troubleshoot problems
- Extend site functionality with Django's contributed library
- Protect your site with user authentication and permissions
- Avoid security pitfalls such as SQL Injection, XSS, and CSRF
- Optimize site performance

- Deploy your site to a managed cloud service and to a PostgreSQL database

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Django Unleashed By Andrew Pinkham Bibliography

- Sales Rank: #287888 in Books
- Published on: 2015-11-19
- Original language: English
- Number of items: 1
- Dimensions: 9.00" h x 1.30" w x 7.00" l, .0 pounds
- Binding: Paperback
- 840 pages

Editorial Review

About the Author

Andrew Pinkham is a software engineer and owner of JamBon Software, which specializes in web and mobile products and also offers Python and Django training. He prides himself on being an engineer who can communicate complex ideas in simple ways, and is passionate about security and distributed systems. In his free time, Andrew writes fiction and swims. A 2009 graduate of Dartmouth College, he can be found online at afrg.co.

Users Review

From reader reviews:

Sheila Gallagher:

Why don't make it to become your habit? Right now, try to ready your time to do the important take action, like looking for your favorite reserve and reading a guide. Beside you can solve your long lasting problem; you can add your knowledge by the book entitled Django Unleashed. Try to make the book Django Unleashed as your good friend. It means that it can being your friend when you feel alone and beside that of course make you smarter than ever. Yeah, it is very fortuned for you. The book makes you a lot more confidence because you can know every little thing by the book. So , we need to make new experience as well as knowledge with this book.

William Davis:

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Michelle Han:

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