
eCommerce



This course will teach you step-by-step to build a eCommerce site from scratch. We'll be using open-source software to create each aspect of a fully functioning eCommerce business.

Full Course is here: <https://www.joincfe.com/courses/ecommerce/>

Below you'll find the related lecture code to any given section and lesson. Enjoy!

Code

Section - Hello World

Initial Commit

Section - Products Component

- 1 - Your first app Module
- 2 - Understanding CRUD
- 3 - Product Model
- 4 - Django Admin

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- 5 - List View
 - 6 - Detail View
 - 7 - ImageField & FileField
 - 8 - Understanding Lookups
 - 9 - Custom Model Managers
 - 10 - Featured & Custom QuerySets
 - 11 - SlugField & Signals
 - 12 - Products URLs

Section: Templates

- 1 Base Template
- 2 - Include Tag
- 3 Pass Arguments with Include
- 4 - Reusable List View Snippets
- 5 - Reverse for URLs
- 6 - Navbar
- 7 - Template Filters
- 8 - ForLoop Counter & Cycle

Section: Bootstrap

- 1 - Adding Bootstrap (no code)
- 2 - Container vs Container-Fluid (no code)
- 3 - Rows And Columns
- 4 - Column Sizing
- 6 - Designing for Different Browser Sizes with Breakpoints
- 7 - Spacing with Margin & Padding
- 8 - Navbar
- 10 - Integrate to Django

Section: Search Component

- 1 - A Basic Search View
- 2 - Display the Query to the User
- 3 - Creating the Search Form
- 4 - Better Lookups with Q
- 5 - Tag Component
- 6 - Shell Commands for a Brief Intro to Foreign Keys
- 7 - Search by Related Model

Section: Cart Component

- 1 - Cart App
- 2 - Django Sessions
- 3 - Cart Model
- 4 - Create A Cart in the View
- 5 - Cart Model Manager
- 5 - Cart Model Manager Part 2
- 7 - M2M Changed Signal to Calculate Cart Total
- 8 - Cart Update View
- 9 - Add to Cart Form
- 10 - Display Cart
- 11 - Remove Items from the Cart
- 12 - Cart Icon & FontAwesome

Section: Checkout Process

- 1 - The Roadmap for the Checkout Process
- 2 - The Order Component
- 3 - Generate the Order ID

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- 4 - Calculate the Order Total
 - 5 - Checkout View
 - 6 - Math with Decimals and Floats in Python
 - 7 - Upgrading Auth to Prep for Checkout
 - 8 - Billing Profile Model”
 - 9 - Billing Profile in the Checkout View
 - 10 - Guest Checkout Profile
 - 11 - Associate Billing Profile to Order
 - 12 - Order Manager
 - 13 - Billing Profile Manager
 - 14 - Addresses App
 - 16 - Associate Addresses to Order
 - 17 - Finalize Checkout
 - 18 - Reuse Addresses for Checkout
 - 19 - Checkout Success

Section: Fast Track to JQuery

- 1 - Getting Started
- 2 - A Basic Selector
- 3 - Selectors Part 2
- 4 - Content Overflow Part 1
- 5 - Data Types, Iteration and Conditionals
- 6 - Content Overflow Part 2
- 7 - Click Events
- 8 - Handling form data in jQuery

Section: Products & Async

- 1 - Sync vs Async (no code)
- 2 - Ajax-ify a Form
- 3 - Handle Ajax in Django with JsonResponse
- 4 - Cart Item Count
- 5 - Refresh Cart Ajax
- 6 & 7 - Refresh Cart Ajax Part 2 & 3
- 8 - Finalize Cart Updating with Ajax
- 8 - Finalize Cart Updating with Ajax
- 9 - Auto Search
- 10 - Display Errors with jQuery Confirm
- 11 - Ajaxify the Contact Form Part 1 & 2
- 13 - Custom eCommerce JS
- 14 - Ajax CSRF Security for Django

Add Ons

Custom Django User Model

- 1 - Before we get started (no code)
- 2 - Create the Abstract Base User
- 3 - Create the User Model Manager
- 4 - Change Auth User Model to our Custom Model (no code)
- 5 - Reload the Database with Fixtures
- 6 - Forms & Admin for our Custom User
- 7 - Add a Required Field to the User Model
- 8 - Update Login & Register Forms
- 9 - Login & Register Views

Custom Analytics

- 1 - Getting Started (No Code)
- 2 - Craft the Object Viewed Model
- 3 - Get Client IP Address
- 4 - A Custom Signal
- 5 - Object Viewed Mixin
- 6 - Handle the Object Viewed Signal
- 7 - Handling and Ending User Sessions

Stripe Integration

- 1 - Getting Started
- 2 - Create Stripe Customer
- 3 - Payment Method View & Stripe JS
- 4 - Improving Payment Method Form
- 5 - Improving Payment Method Form Part 2
- 6 - Reusable Stripe Module
- 7 - Add Card to Customer with Stripe
- 8 - Save Card in Django
- 9 - Charge the Customer
- 10 - Putting it All Together
- 11 - Guest Card Checkout
- 12 - Changing Payment Methods
- 13 - Improve Card UI - Part 1
- 14 - Improve Card UI - Part 2

Mailchimp Integration

- 3 - Setup API Keys

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- 4 - Marketing App
 - 5 - Mailchimp Class Part 1
 - 6 - Mailchimp Class Part 2
 - 7 - Mailchimp Class Part 3
 - 8 - Django & Mailchimp
 - 9 - User Email Marketing Preference View
 - 10 - Mailchimp Webhook Handler

Go Live

- 1 - Local vs Production Environments (no code)
- 2 - New Settings Module
- 3 - Multiple Settings Modules
- 4 - Prepare for HTTPs
- 5 - The gitignore File
- 6 - Requirements File
- 7 - Setup Git Version Control
- 8 - Deploy to Heroku
- 9 - AWS S3 for Static Files
- 10 - Add Custom Domain & HTTPs on Heroku
- 11 - Live Environment Variables
- 12 - Error Views and Templates
- 13 - Setup Email to Help Solve Server Errors
- 14 - Using Heroku Locally

Account & Settings

- 1 - User Account Home
- 2 - Naming & Dropdown
- 3 - Account Bootstrap Cards

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- 4 - Link Account Bootstrap Cards
 - 5 - Password Reset and Change
 - 6 - send_email and get_template
 - 7 - Email Activation
 - 8 - Custom QuerySet for Confirmable Activations
 - 9 - Email Activation View
 - 10 - Email Reactivation
 - 11 - Improved Login Form & View
 - 12 - Login Form for Confirmation Emails
 - 13 - Upgrading the Guest Checkout Form
 - 14 - Edit Account Details
 - 15 - User Product History View
 - 16 - Orders & Order Detail
 - 17 - Final Addresses on Order
 - 18 - Addresses List View
 - 19 and 20 - Update & Create Addresses Part 1 & 2

Selling Digital Items

- 1 - Digital Products & Cart
- 2 - Shipping-less Checkout
- 3 - Product Purchases
- 4 - Handling Products Being Purchased
- 5 - Display of Refunded Items
- 6 - Library View
- 7 - Library View for Products Only
- 8 - Product File Model
- 9 - Changing File Field Storage to Protected Location
- 10 - Download Product File Part 1

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- 11 - Download Product File Part 2
 - 12 - Perform the File Download
 - 13 - Checking Download Permissions
 - 14 - In Library Display Part 1
 - 15 - In Library Display Part 2 with Ajax
 - 16 - AWS S3 File Upload
 - 17 - Fixing the Upload Path
 - 18 - Creating the AWS Download Class
 - 19 - Using the AWS Download Client
 - 20 - A Custom Filename

Graphs and Sales

- 1 - Setup the View
- 2 - Add Context for the Order Data
- 3 - Intuitive Recent Order Total
- 4 - Aggregate & Annotate
- 5 - Get Data by Custom QuerySet
- 6 - Intro to Datetime Module
- 7 - Filter by Range of Time
- 8 - Chart-js Intro
- 9 - Using Ajax to Render Charts
- 10 - Display True Data
- 11 - Cleanup
- 12 - Inline Js to External