

# Intro to Flask

## Learning Goals

- Review request-response cycle
- Review Web Servers and WSGI/Werkzeug
- Demonstrate how to initialize a Flask application
- Demonstrate Flask Routing and Views
- Review Context
  - Request Hooks
  - Demonstrate creating a response
    - Status codes
    - Demonstrate accessing URL params
    - Demonstrate Flask SQLAlchemy
    - Review models
    - Demonstrate Migrating in Flask
    - Demonstrate seeding
    - Demonstrate querying/serving resources
    - Demonstrate the Flask Shell
    - Stretch:
    - Demonstrate Web Scraping
    - Lecture Topics:
    - How the Web Works
    - Web Servers
    - Creating a Flask Application
    - Flask Routing and Views
    - Flask Application Structure
    - SQLAlchemy in Flask
    - Stretch Topic:
    - Web Scraping