Backend Engineering with Flask

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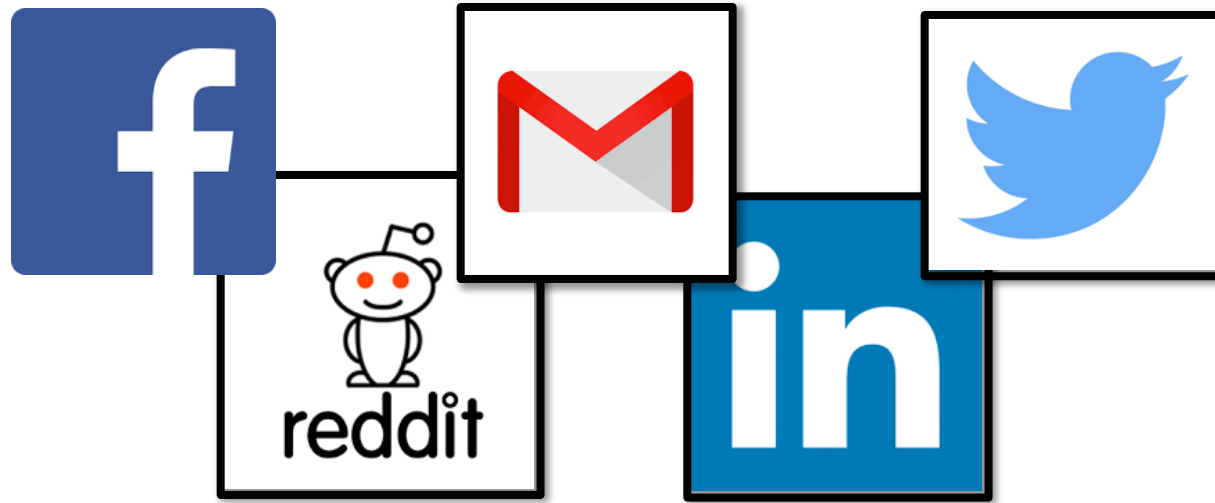# So what is backend engineering anyways?

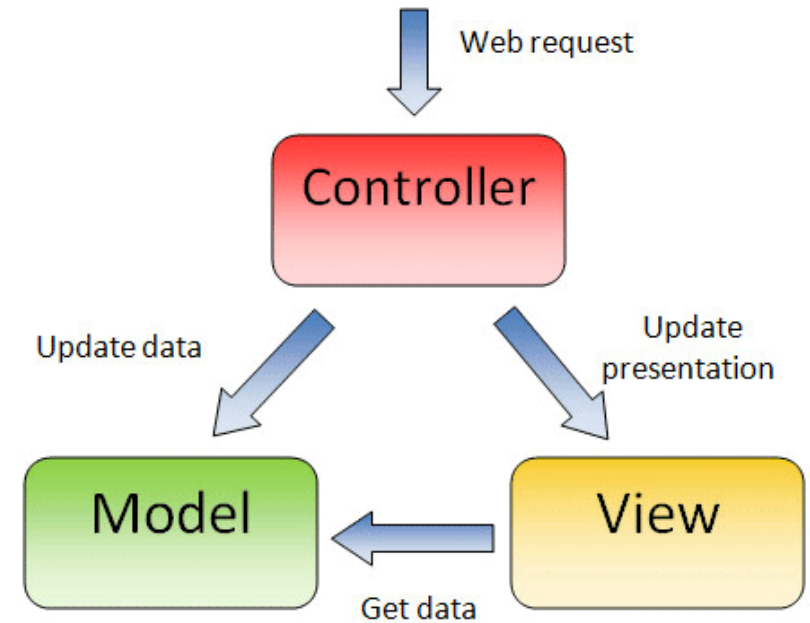BACK END DEVELOPER

But really … Backend Engineering

Idea: Building **dynamic web applications** powered by data

Basic Things We Will Be Using

- Templates – Data and logic in your HTML
- Forms – Submitting/sending data
- Database – Storing data
- GET and POST requests
- localhost – This computer
- terminal

MVC – Model View Controller

- Model - Data of application
- View – Presentation of the data, what is displayed
- Controller – Brains of application

- Example: Spreadsheets program
- Example: Car dealership

What is Flask?

- Easy to use Python based web framework
- Pinterest, Twilio, LinkedIn, Obama 2012
- Various features including URL routing and database manipulation

Time to Flask!

What's Next?

- More advanced steps:
  - User accounts, Login validation, Database relationships
- Check out other web frameworks:
  - Django, Ruby on Rails, node.js