

#### An introduction to backend

Exploring APIs, working with data and building a Flask server

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#### <u>whoami</u>

#### Joseph Briones:

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- Worked @ Microsoft, Intel as a Data Scientist, ML intern



#### What to expect from this talk:

- Live coding presentation in **Python**.
  - Students can join in and build a Flask server within this presentation.
- Catered to three (3) different levels (Beginner, Intermediate, Advanced) throughout the presentation different sections will be highlighted for each group.
- Four (4) parts:
  - 1. Background: Using the right technologies and not reinventing the wheel.
  - 2. API: A programmer's best friend. What it is and how to use one.
  - 3. Data: Creating, storing and pulling data.
  - 4. Server: Demystifying and deploying a simple server with filtering functionality.



## Background



## **API Exploration**



### Working with Data



#### Building a Flask server



### Closing thoughts



# Thank you!

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