AI Writer

Jace Fugate - 2020

Jace Fugate

- Graduating this Semester
- Father & Husband
- Software Engineer at TCN

Problem - Help People that Get Stuck When Writing

I don't like writing unless I know what to write. I wanted to create an application that would help people write papers or stories. I wanted it to generate based on what kind of store or paper you were writing and feed off of what you've already written.

Solution

- Allow users to create an account
- Allow users to create/edit books with title, genre, and body text
- Allow users to ask the system to generate text based on book genre and existing text

AI Writer   Home   Books   Jace

Back   **Book Genre-** Agatha Christie ▾   ✔Saved

Cool Title To A Book

This is that one book where that thing happens

Once upon a time, there was a great book. The book was about some really cool stuff.
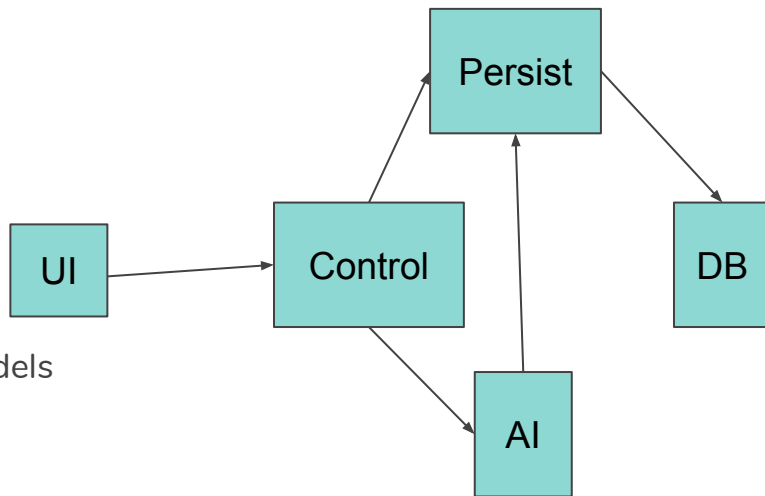
One of the things that struck me about it
It isn't--it's about--us
One of the preliminaries was whether or

Interesting Architecture

- Use microservices and gRPC
  - Four services - control, persist, ai, and db
  - gRPC is a great abstraction over RPC
- Use tensorflow and fine tuned GPT-2 AI models
  - Trained two images
- Use Python multithreading and pipes

Future Plans

- Add and account page
- Add home page
- Train more and better images
- Make UI prettier