Apollo 18 Pitch: r/FindMyFutureJob

Our vision for a fortune-telling app



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Statement of Purpose



The purpose of our project is to provide a platform that gives the user a prediction of their future job based on the user's interests and skills. We plan to do this by implementing the art of fortune telling to make our predictions of the user's future job. Our interface will mimic the social networking platform Reddit's wireframe. In particular, the user will answer a series of questions which will help the "fortune teller" to make the final prediction. The reason we chose to use a platform similar to Reddit as the mode of delivering a fortune was because it is a platform that divides people into communities based on shared interests. Since the users of our page will have the shared interest of seeking to know their future job, our platform will mimic a subreddit community specific to r/MyFutureJob. Overall, the goal of this project is to create a platform that provides its users with a fun way to explore their curiosity about what the future holds while also showcasing how technology can simulate fortune telling. We aim to offer an informative and entertaining experience for users of our platform.





High School Student -

Name: Emily

• Grade: 11

Interests: Reading, writing, playing video games, listening to music,
 volunteering at the local animal shelter...

- Current Study Interest:
- "I'm interested in exploring different career paths related to writing and storytelling. I love creating my own stories and worlds, and I'm interested in finding ways to turn that passion into a career."
- Looking for: career guidance and advice

Aim of using our web app:

As a high school student, Emily is just starting to think about her future career options. She wants to use this web application to learn more about different career paths related to writing and storytelling, such as journalism, creative writing, and screenwriting. She hopes to gain a better understanding of what these careers entail, what skills they require, and what steps she can take now to start working towards her goals. She's also interested in finding resources and advice on how to build a portfolio and get her work noticed by potential employers.





UCSD Undergraduate Student -

Name: Jack

Year: FreshmanMajor: undecided

• Hobbies: skiing, climbing, badminton, watching basketball games...

• Current Study Interest:

 "I was very interested into electronics when I was young. I like investigating how the electric circuits are composed by diving them in parts."

Looking for: summer off-campus internships

Aim of using our web app:

A college student who has not yet chosen a major and is struggling to identify their strengths and interests might use this web application to explore different career paths and gain insight into the skills and experience required for different jobs.





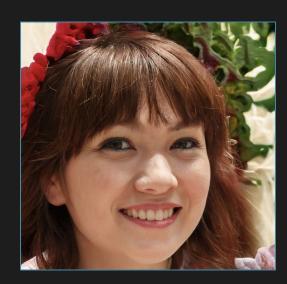


UCSD Graduate Student -

- Name: Jennie
- Major: Communication (undergraduate) -> MFA program (Visual Arts)
- Hobbies: Reading books, watching movies with friends, drinking coffee
- Current Learning interests:
- "I decided to transfer to MFA when pursuing my master degree since I took many good visual courses during my undergraduates. In addition, I have began to learn drawing at 5 years-old and now master the drawing skills. I found how fascinated I was when I appreciate arts histories and modern arts practices."
- Looking for: a off-campus job or pursuing phD degree

Aim of using our web app:

A college student who was pursuing a master degree by switching careers after bachelor graduation might use the application to assess their transferable skills and explore new career options based on their interests and experience.





University of Toronto Graduate Student -

Name: Rachel

Year: Second-year Master's student

Major: History

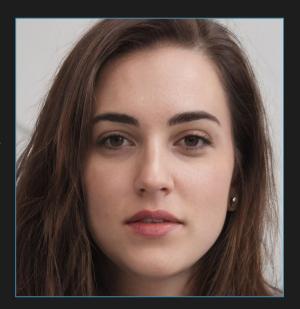
Hobbies: Photography, reading, hiking, listening to podcasts...

• Current Study Interest:

- "My focus is on the social and cultural history of early modern Europe, specifically the 16th century. I am fascinated by the ways in which ordinary people navigated social and political changes during this period."
- Looking for: research assistant positions

Aim of using our web app:

A graduate student who is interested in exploring career opportunities beyond academia and wants to utilize their research skills might use this web application to discover potential career paths in fields such as data analysis, market research, or policy analysis. They hope to gain a better understanding of the transferable skills they possess and how they can apply them in different settings.





03

Risks and Rabbit Holes

User Input + Output Risks, Visual Specificity, Overextensions/If We had More Time



Risks from User Input



- Semi-contradictory input (ex: I am good at math and science. I struggle with linear algebra and physics)
- Noting appreciation (or lack thereof) of what they study
- Rabbit Hole: noting if they're more focused on what they enjoy vs. what they're good at
- Handling relevant information (ex: ignoring random statements such as "I have 2 siblings.")
- Rabbit Hole: overthinking distance in the future of the reply (1 day vs. 1 year)
- Ethical boundaries of the input (screening of the input, handling input contain discriminatory, insulting and violent content, NSFW information/making it clear we do not predict NSFW work)
- Handling question/statement deciphering if libraries go down
- Ignore character limit (bounded to library limit)



Risks from User Input Contd.



 How to guide users to ask job-related questions by giving the corresponding prompt (example: ask me anything about your future job/ You can ask "what will my future job be like")

Risks from Output



- Without access to API, general job types are needed (Engineer, Manager, Finance worker, Health worker, etc.)
- Cannot reuse questions
- Should indicate that users cannot ask questions while answers are being generated
- Discerning context of user answers and questions to see if it's related to prior question
- Risk: should have a clear moment at which follow-up questions are unnecessary
- Boundary 2: Should have a clear moment at which a predicted job is made (cannot continuously asking questions forever)
- Job Type Boundary: ignore grad school, law school, medical school (can be relevant in descriptions)
- Job Type Boundary 2: Only jobs that benefit from attending college

Risk of Visual Specificity



- Rabbit holes: Focusing too much on Reddit number similarity (amount of replies, relation between reply count to upvote count)
- Boundary: Ignore attempts at making a special design for the subreddit (use the general subreddit background)
- Boundary part 2: Decide on Dark Mode or Light Mode, not both
- Make username input requirement obvious
- Rabbit Hole: How the output is printed, such as line by line, all at once, character by character (possible future issue)



Overextensions/If We had More Time



- Menu to allow users to use other social media platform Ul's (Twitter, Instagram, WeChat, etc.)
- Include other strong descriptions of a future after undergrad (grad school, law school, etc.)
- Add old reddit Ul
- Adding voice features for outputs to increase engagement and accessibility
- Alter reply based on how far in the future after college
- Allow for multiple job possibilities (multiple future selves)
- Rabbit Hole: Integrating other platforms with the app may raise issues. ex: possible compatibility issues when integrating the app with web browser on computers vs. phones
- Adding on using Al, do want to develop an algorithm that can better provide meaningful and relevant response facilitating
- Describing how successful the person will be at their job



Overextensions/If We had More Time Contd. +

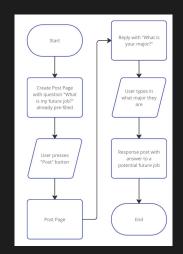
 Account for much younger/older students (high schoolers, students starting college when older)

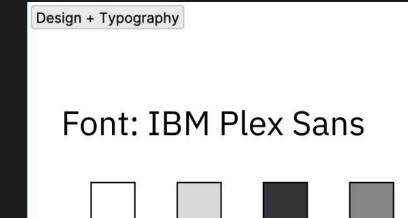


Diagrams + Design









Figma Wireframes



