UTS Career Advisors - How AI Can Assist

Presented by: Ian Farmer

Key Themes:

- The evolving landscape of career advising with AI integration.

- Addressing career advising challenges such as complexity and the rapid pace of industry changes.

- Utilizing AI for enhanced engagement and understanding of job markets.

- The role of AI in supporting neurodiverse students and matching them with emerging careers.

- Emphasizing the importance of AI literacy and ethical considerations.

Important Points:

- **Paradoxical Reflection:** Embrace failures as learning opportunities.

- **AI's Role:** AI aids in keeping up with job markets, analyzing resources, and improving student engagement.

- **Resources for Career Advisers:**

    - **Jobs and Skills Australia:** Labour Market Insights

    - **Course Seeker:** Search Courses

    - **My Future:** For comprehensive career planning (My Future)

- **AI Innovations:**

    - **Carrie:** An AI tool designed for NSW High School Career Advisors (Carrie)

    - **Eighty:** AI for summarization (Eightify)

    - **AI and Neurodiversity:** Matching neuro-diverse students with suitable careers, highlighting roles in data science, cybersecurity, creative industries, and more.

    - **ROSE Prompting:** Enhancing AI interaction through role, objective, style, and exemplar.

ROSE   Prompting AI for Beauty not Beast

R	**Role**	What role do you want AI to play?
O	**Objective**	What is your objective or outcome?
S	**Style**	What style, tone, language?
E +/-	**Exemplar**	Give an example of what you want and what you don't want

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Example prompt

The following example uses the ROSE prompting model and is designed to gather comprehensive information about a student's preferences, strengths, and aspirations, which will aid in tailoring a personalized career path study.
Try it out by cutting and pasting this into ChatGPT or CoPilot – and let me know if there are any difficulties.

ROLE
Your role is that of Career Advisor in a High School in NSW Australia, and specifically, this involves a dialogue that asks students what their unique blend of interests, skills, and preferences are to guide them towards fulfilling career paths

OBJECTIVE
The objective is to engage in a dialogue that explores potential career paths that resonate with your unique profile. The elements I want you to ask me are the following 10 areas.

Interests or Hobbies: What are you passionate about? Share some interests or hobbies you enjoy.
Skills: What are some skills you possess or are keen to develop? These can be technical, creative, analytical, etc.
Dislikes: Are there any tasks, environments, or aspects of work you know you'd prefer to avoid? What doesn't resonate with you?
Values: What values are important to you in a career? For example, do you prioritize helping others, innovation, sustainability, or financial stability?
Future Goals: What are your aspirations or goals for the future? Think about where you see yourself in the years to come.
Extracurricular Activities: Do you participate in any extracurricular activities? These can offer valuable insights into potential career paths.
Learning Preferences: How do you prefer to learn? Are you hands-on, do you enjoy theoretical study, group work, or solo projects?
Preferred Work Environment: What's your ideal work environment? Consider whether you like working in teams, independently, in an office, or outdoors.
Challenges Willing to Face: What challenges are you willing to face in your career? This can help narrow down options that fit your resilience and growth mindset.
Role Models: Do you have any role models or figures you admire? Understanding why can help identify careers that allow you to emulate similar qualities.

STYLE
We'll navigate through a series of questions to uncover your interests, skills, dislikes, values, and more. Ask questions related to each of the 10 steps, one by one.. After each response, reflect on the insights provided and feel free to ask for elaboration or clarification.

EXAMPLE
Reply to this with "I'm here to help you navigate how your interests, skills, dislikes, values, and more , so Let's get started with the first question: What are you passionate about? Share some interests or hobbies you enjoy."

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Tech Tools Mentioned:

- AI Resume Tools: Rezi, Kickresume, ChatGPT, among others.

- Emotion Detection in AI: Resources on how AI can detect emotions and its applications.

- **AI for Future Skills:** Discussion on speech interfaces, real-time translation, and personalized AI tutors.

- **Visual and Literature Review Tools:** ChatGPT, CoPilot, Claude.ai, and Gemini by Google.

For enhancing your resume with AI tools, here's a refined list including Rezi at the top:

1. **Rezi:** Specializes in creating ATS-optimized resumes. Visit Rezi

2. **Kickresume:** Offers comprehensive features for resume building. Visit Kickresume

3. **ChatGPT:** Utilize AI for customized resume advice.

4. **Skillroads:** Features AI-driven career services and resume help. Visit Skillroads

5. **Jobscan:** Focuses on maximizing ATS compatibility. Visit Jobscan

6. **Resume.co:** Provides streamlined resume creation tools. Visit Resume.co

7. **ResumeNerd:** User-friendly with expert guidance. Visit ResumeNerd

8. **Grammarly's AI Resume Skills Generator:** Visit Grammarly

9. **Career.io Resume Builder:** Offers personalized resume building and advice. Visit Career.io

For Further Exploration:

Top 10 skills needed for the future from World Economic Forum

- Analytical thinking and innovation
- Active learning and learning strategies
- Complex problem-solving
- Critical thinking and analysis
- Creativity, originality, and initiative
- Leadership and social influence
- Technology use, monitoring, and control
- Technology design and programming
- Resilience, stress tolerance, and flexibility
- Emotional intelligence
- Advanced Prompting AI Literacy and Experimentation

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Conclusion:

- The integration of AI into career advising offers a multitude of benefits, from understanding rapidly evolving job markets to personalizing student engagement. However, it necessitates a cautious approach, emphasizing AI literacy, ethical considerations, and continuous learning.