Personas

1. **Emily Anderson**

NAME

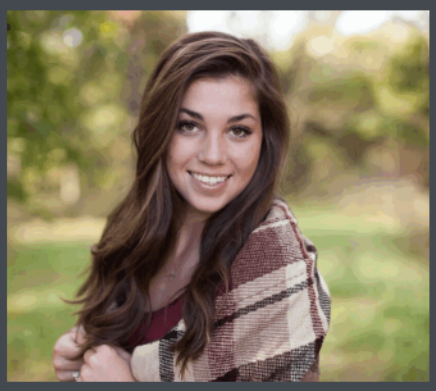
Emily Anderson

MARKET SIZE

80 %

TYPE

Rational



Goals

My passion revolves around pushing the boundaries of robotics through my research endeavours. My ultimate aim is to create innovative technologies that simplify intricate tasks. Currently, I focus on exploring novel ways to enhance human-robot interaction. I'm excited about the potential of my work to revolutionize industries and uplift people's lives.

Quote

Bridging the gap between humans and robots is more than just technology; it's about empowering the future.

Demographic

Female 27 years

Melbourne

PhD student

Background

My journey into robotics started with a Bachelor's degree in Electrical Engineering, which laid a strong foundation. I followed it up with a Master's degree in Robotics, where I delved deeper into the intricacies of this fascinating field. Currently, I'm dedicated to my PhD, concentrating on unravelling the complexities of human-robot interaction. My background equips me with a blend of engineering principles and insights into human behaviour.

Skills

Software

0 25 50 75 100

Mobile App

0 25 50 75 100

Mechanical Engineering

0 25 50 75 100

Electrical Engineering

0 25 50 75 100

Motivations

- Simplify intricate processes
- Easy to control robotics
- Study self-perception decision-making mechanism

Frustrations

- Gap between groundbreaking research and its practical applications.
- Technologies remain confined within the walls of academia.
- Complexity of controlling powerful tools.

Expectations

I have a vision where technology seamlessly integrates into our daily lives, making tasks more efficient and accessible. My aspiration is to usher in a new era of user-friendly technology that researchers and industry professionals can readily harness.

Technology

2. **William Harris**

NAME

William Harris

MARKET SIZE

70 %

TYPE

Artisan

Goals

I focus on the robot machine technology. My goal is to develop new civilian robots to bring robotics into the homes of ordinary people. I have been working on robot hardware development and am an expert in robot motion and structural design. I'm excited about the new technologies that come with AI. I believe that AI technology will lead to new breakthroughs in robotics development.

Quote

Technology is changing rapidly and lifestyles are being transformed at a rapid pace, all of which has brought about an incredible series of singularities in human history.

Demographic

Male 26 years

Melbourne

PhD student

Background

I have been interested in robotics since I started studying for my Bachelor's Degree in Mechanical Engineering. I then went on to study Master degree at the University of Melbourne, where I was awarded a PhD with distinction and am currently completing my PhD. I focus on the revolutionization of robotic controlling.

Motivations

- More sophisticated control of robots
- Easy external plug-in
- Robot precision movements

Frustrations

- Collaborative interfacing with complex software
- Combining too many robot actions
- Technical issues in software

Skills

Software

0 25 50 75 100

Mobile App

0 25 50 75 100

Mechanical Engineering

0 25 50 75 100

Electrical Engineering

0 25 50 75 100

Technology

3. **Jill Caldwell**

NAME

Jill Caldwell

MARKET SIZE

10 %

TYPE

Guardian

Goals

I am a lecturer that is interested in robotics, specifically human robot interaction. My goal is to have a repository of code for computer vision and natural language processing that can act as a framework for other projects.

Quote

Advancing technology should be as intuitive as it is powerful, enabling us to focus on what truly matters

Demographic

Female 37 years

Melbourne

Married

Lecturer

Background

Dr Jill Caldwell is a accomplished senior lecturer with a PhD in Human-Computer Interaction from a prestigious university. Her academic journey has been fuelled by a passion for exploring the intersection of technology and human experience. With years of teaching and research, she has cultivated a deep understanding of the challenges researchers face when integrating advanced technologies like robotic arms, computer vision, and voice recognition into their work.

Skills

Software

0 25 50 75 100

Mobile App

0 25 50 75 100

Mechnical Engineering

0 25 50 75 100

Electrical Engineering

0 25 50 75 100

Motivations

- Integration of computer vision and natural language processing
- Interpretation of commands using a Large Language Model
- Modular code to be used elsewhere

Frustrations

- Hard to navigate UI
- Inconsistent behaviour of robot actions
- Slow and unresponsive robot actions

Technology