# 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

### 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.

### Frustrations

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

### Technology

## 2. William Harris

| NAME | | MARKET SIZE | TYPE |
|---|---|---|---|
| **William Harris** | | 70 % | **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

## 2. William Harris

NAME

# Jill Caldwell

MARKET SIZE

10 %

TYPE

**Guardian**



### Demographic

🔍 Female    37    years

📍 Melbourne

Married

Lecturer

### 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 |

### 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*

"

### 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.

### 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