



# Ryan Cartin

## PERSONAL INFORMATION



(555) 432-8765



ryan.c@email.com



LinkedIn | Portfolio



Boston, MA

## KEY SKILLS

- AI and ML integration
- Autonomous robotic systems
- Hardware-software synchronization
- Industrial automation and IoT
- Robotics product lifecycle management

## EDUCATION

### Master of Science in Robotics Engineering

Massachusetts Institute of Technology (MIT), Cambridge, MA

May 2022

## ABOUT ME

Robotics product manager driving innovation in automation and AI

Results-oriented robotics product manager with eight years of experience in robotic automation, AI-driven solutions, and hardware-software integration. Passionate about developing cutting-edge robotic systems that enhance efficiency and improve UX.

## PROFESSIONAL EXPERIENCE

### Robotics Product Manager | June 2020 - Present

NextGen Robotics, Boston, MA

- Led a cross-functional team to develop an autonomous warehouse robot, improving efficiency by 45%
- Integrate AI-powered computer vision systems to enhance robotic navigation and obstacle detection
- Developed product roadmaps that aligned with industry trends, securing \$10 million in funding for innovation

### Product Manager | July 2016 - May 2020

Automation, AutoBot Technologies, San Jose, CA

- Spearheaded the development of robotic arms for manufacturing, reducing labor costs by 30%
- Collaborated with engineers to optimize hardware-software synchronization, improving robot accuracy by 20%
- Conducted market research to identify new automation opportunities in logistics and health care