

Alex Morgan

Professional roboticist | alex.morgan@example.com

Introduction

Dear Hiring Team,

I build useful machines and help teams make them work in the real world. I am looking for a robotics or hardware role where hands-on integration, careful diagnosis, and collaboration across disciplines matter.

As Robotics Integration Lead at Harvest Commons, I connected tactile sensing, actuation, and Python testing in an adaptive gripper. The work required making physical behavior explicit: defining contact and release states, bounding commands, and deciding what the system should do when confidence dropped. I then helped frame a customer pilot around operator workflows and practical operating limits.

Earlier, as Electronics Lead at SafeReach, I worked on protected power systems for an inspection rover. Field failures taught me to reproduce a problem, separate possible causes, and record why the design changed. I contributed those methods to a published campus paper so the next team could build on the lessons.

I would bring a habit of making assumptions visible and turning uncertain behavior into testable questions. I enjoy working with specialists in mechanical design, product, and operations, and I have mentored emerging builders through sensing and motor-control experiments.

My digital diploma provides the work behind this introduction, including project decisions, research, professional references, and the limits of each record. I would welcome a conversation about where that experience could be useful to your team.

Sincerely,

Alex Morgan