

Benjamin Narin

<https://benjaminnarin.com> | [linkedin.com/in/benjaminnarin](https://www.linkedin.com/in/benjaminnarin) | <https://github.com/benjaminnarin>

SUMMARY

Full Stack Robotics Software Engineer with experience developing robots for the real world.

Areas Of Interest: Mobile Robotics, Assistive Robotics, Human Robot Interaction, Computer Security, Reinforcement Learning, Distributed Systems, Tech Policy and Embodied AI.

EXPERIENCE

Zebra Technologies (Formerly Fetch Robotics)

San Jose, CA

Advanced Robotics Engineer

June 2025 - December 2026

- Worked closely with Hardware, Software and Production Teams to start V3 robot production.

Senior Robotics Engineer

May 2022 - June 2025

- Led conversations and drove alignment with fellow Tech Leads across both the robotics and cloud stacks for proposed new architecture enabling business opportunity (Fulfillment).
- Designed and Tech Lead novel Peer to Peer Data Sharing system between robots requiring significant cross team coordination and development.
- As Tech Lead Proposed, designed, implemented the robot behavior overhaul formalizing interactions between features and complying with the R15.08 standard.

Robotics Engineer

November 2021 - May 2022

- Main developer and SME for the core robot to cloud service on the robot.
- Represented Zebra Technologies at ICRA 2022, DevCon 2023, ICRA 2024

AutoRoboto at Deepmind (Formerly Google Brain)

Mountain View, CA

AI Research Engineer (SWE/Robotist)

January 2019 - March 2021

- Lead integration to replace custom infrastructure with standardized infrastructure.
- Built custom infrastructure for 3 robotic platforms in C++ and Python.
- Subject matter expert on robotics/infrastructure for researchers across Deepmind.

Oregon State University

Corvallis, OR

Graduate Student - Personal Robotics Group

September 2016 - November 2018

- Matured software and hardware on Autonomous Wheelchair Project

Graduate Teaching Assistant - 413 Instrumentation and Measurements

Fall Term 2017, Winter Term 2018

- Taught electrical fundamentals, arduino programming, and general mechatronics.

Undergraduate Research Assistant - Personal Robotics Group

June 2013 - September 2016

- Designed, built and evaluated several iterations of a self driving wheelchair.

EDUCATION - OREGON STATE UNIVERSITY

Masters of Science: Robotics - Advisor Dr. William Smart

2016 – 2018

Designed, built and researched autonomous wheelchairs for people with extreme physical disabilities.

Bachelor of Science: Computer Science

2011 – 2016

Bachelor of Science: Electrical and Computer Engineering

2011 – 2016

TECHNICAL SKILLS

Python, C++, Git, Docker, Robot Operating System, Kubernetes, GTest, Linux, Computer Networking

AWARDS, PAPERS AND PATENTS

- Patent: Visual Guidance for Locating Obstructed Mobile Robots (US20240139968A1)
- Patent: Guided Travel Mode with Dynamic Force Feedback for Mobile Robots (US20240227187A9)
- Patent (Pending): Systems and Methods for Updating Maps for Robotic Navigation (US20240142984A1)
- Patent (Pending): Dynamic Control of Operational Data Handling Settings in Mobile Robots (US20240233449A9)
- Robotics For Good Competition - Finalist, Dubai 2016