Carol Fairchild is the owner and principal engineer of Fairchild Robotics, a robotics development and integration company. She is co-director of the Center for Robotics Software and a researcher at Baxter's Lab at the University of Houston–Clear Lake (UHCL). She is also a member of the adjunct faculty. Her research involves the use of Baxter, Turtlebot and quadcopters for expanded applications. She and Dr. Harman have co-authored the book, ROS Robotics By Example (2016) and the updated version ROS Robotics By Example, 2nd Edition (2017).

Ms. Fairchild has been involved in many aspects of robotics from her earliest days of building her first robot, a Heathkit Hero. She has an MS in computer engineering from UHCL and a BS in engineering technology from Texas A&M. Ms. Fairchild also teaches middle school robotics, and has coached FLL and volunteered for FIRST Robotics in Houston.

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