

# Karen Kepner

Parker, Colorado

GitHub: [karenkepner](#) – LinkedIn: <https://www.linkedin.com/in/karen-kepner/>

## Professional Highlights:

- Coding skills with HTML, CSS, JavaScript, Python and WordPress.
- Experience with test driven development using Mocha and Chai.
- Expertise with data analysis in Excel and administrator management of Sharepoint.
- Data analytics skills with R and Python.

## Employment

REI Inc., Greenwood Village, Colorado                      Technical Specialist, 2016-2018

- Build and repair bicycles. Tune and repair skis and snowboards.

Aurora Fire Department, Aurora, Colorado                      Firefighter Paramedic, 2006- 2015

- Lead emergency medical services team of 4-10 people to deliver exceptional emergency medical care in high stress environments in a high call volume system.
- Analyze emergency response data to find solutions to improve fire department response performance and reliability.
- Built Sharepoint site for fire department with workflows that allow ordering and tracking for logistics of equipment ordering.

Nautilus, Inc., Broomfield, Colorado                      Product Design Engineer, 2005-2006

- Designed upright Bowflex Revolution fitness equipment using Pro-Engineer CAD to convert a current product into a 50% smaller platform footprint that still provides all the same exercises.

Nissan North America, Gardena, California                      Product Engineering, 2003-2004

- Analyzed warranty data to identify and prioritize investigation of claims to reduce warranty costs and improve customer satisfaction.

Rock Shox, Colorado Springs, Colorado                      Product Engineer, 2001-2002

- Utilized Pro-Engineer CAD with surfacing and FEA modules to design bicycle suspension components.

Ford Motor Company, Dearborn, Michigan                      Design & Dev. Engineer, 1995-1998

- Developed and tested automatic four-wheel drive systems for the Ford Expedition.

## Education

**Kettering University** Flint, Michigan, 1995

Bachelor of Science in Mechanical Engineering, with a machine design specialty.

Co-op employment during college with Ford Motor Company, Automatic Transmission.

**University of Colorado** Boulder, Colorado 2015

Coursework toward Masters in Business Analytics.

**Turing School of Software and Design** Denver, Colorado 2017

Studied computer programming and web design including HTML, CSS, JavaScript, TDD, command line interface and Git.