

Objective:

To create data graphics and visualizations that will help readers sift through the clutter and glean information to enrich their understanding of their world.

Sarah Reed

1-303-956-4348

sarahbreed01@gmail.com

www.sarahreed.art

Work

Education

Crow Insight- Software Engineer

- Built interactive, on-line dashboards and information data graphics.
- Lead developer on a series of dashboards built to present EPA data related to the health of the water systems in the US.
- Worked with data sets in R & Python to clean and standardize the data for use in the the dashboards.
- Lead developer on a series of dashboards for the DeBeaumont Foundation built to present survey data relating to public health workers.
- Managed internal IT infrastructure projects.

Full time Mama

- VP Nutrition and Hygiene
- Director of Education and Activities

Farm Design- Mech. Engineer/ Program Manager

- Managed fast paced projects bringing high tech medical devices from concept phase through to mass production. All projects in the \$250k range.
- Established budgets and schedules in collaboration with clients, manufacturers and engineering/ID staff.
- Facilitated and monitored the design progress: Organizing of brainstorming sessions and outputs, Review and down-selection of design outputs, Assignment of tasks to project resources
- Facilitated the communication between our clients (the patent holders) and the manufacturing facilities of the interim prototypes and final devices.

MIT CAD Lab- Research Assistant

- Developed new products and materials to be made from granulated cork- chosen for its renewability

Lab Instructor Positions:

- Eng. for the Developing World: Energy
- Toy Design

R + R Woodworking- Owner/Operator

- Designed and built custom wood cabinetry and furniture for private clients with a focus on craftsmanship and attention to detail.

Math Tutor / Teacher - University of Colorado , Upward Bound

Born and Raised in Boston, MA

Software

- Adobe Illustrator, InDesign, Photoshop
- Office 365
- Tableau

Languages, Libraries & Frameworks

- HTML, CSS, Javascript
- D3
- React
- Python, Flask,
- R, RShiny
- Node
- ArchieML
- Git

Awards

- D'Arbeloff Fellowship, MIT
- Undergraduate Excellence in Teaching, CU Boulder

Hobbies and Interests

- Outdoor Activities- Skiing, Mtn Biking, Hiking, Rafting, etc.
- Gardening
- Painting
- Spending time with my family
- Travelling