Visual Search with Deep Learning

- Product Search: What is this product and where can I buy it?
- Scene Search: What does this product look like in different settings?
- Similarity Search: What products look visually similar to this one?
- Visual Search vs. Text Search: Visual search can quickly and precisely capture details that are hard to convey in words.

GrokStyle: Deep Learning Engine

- MADELEINE SIDE CHAIR
  - Restoration Hardware
  - $99

- TYSSEDAL Wardrobe
  - IKEA
  - $399

What is this product and where can I buy it? What does this product look like in different settings?

How GrokStyle Works

- Current Focus: Interior Design
- The Future of Visual Search: Home Interiors/Exteriors, Apparel, People

Applications of Technology

State-of-the-art visual search algorithm [SIGGRAPH 2015]

Visual Search for Interior Design, trained on Product Data from the Web

Target Markets

- Retail
- Interior Decorating
- Home Remodeling
- Real Estate

Team

- Sean Bell: CEO
- Kavita Bala: Chief Scientist
- Kathleen Tuite: Engineer