

KEN M. HAGGERTY

For more information or full résumé,
please email kmh2011@mit.edu.

OBJECTIVE:

To learn about, explore, and create tools and spaces for people to discover, organize, and communicate their worlds.

EDUCATION:

Massachusetts Institute of Technology (MIT)
Bachelor of Science (S.B.) in Brain and Cognitive Sciences
With a Minor in Architecture

Cambridge, MA
2011 (GPA: 4.7/5.0)

RESEARCH:

Self-Driving Cars (Ing-Marie Jonsson, Google, Inc., via Adecco)
User Experience Researcher

San Francisco, CA
2011-Present

- Conceiving, creating, running, analyzing, and interpreting studies related to Google, Inc.'s, self-driving cars project.
- Assisting in ideation, design, review, and evolution of user interfaces related to Google, Inc.'s, self-driving cars project.
- Awarded "Judge's Choice" in Google Projects internal ideation competition. (Summer 2011)

Computational Visual Cognition Laboratory (Prof. Aude Oliva, MIT)
Undergraduate Researcher

Cambridge, MA
2009-2010

- Assembled and organized the Scene Understanding [SUN] Database, a 1000-category stimuli set of scene types.
- Created 3D virtual environments to study perception of object size in context.
- Photographed stimuli, programmed experiment, ran subjects, and analyzed results to discern how the mind selects canonical views of scenes.

Ehinger, K., Haggerty, K.M., and Oliva, A., 2010. "Canonical views of scenes depend on the shape of space."
Object Perception, Attention, and Memory. (Poster)

- Received award for outstanding research, MIT Department of Brain and Cognitive Sciences, Spring 2010

LEADERSHIP:

Technique, the Yearbook of MIT
Managing Editor; Design Editor; Journal Editor & Darkroom Manager

Cambridge, MA
2008-2011

- Restructured organization and overhauled orders database, website, orders forms, and office organizational systems.
- Increased active membership, publicity, enthusiasm, and overall happiness of Technique.
- Increased advertisement sales 45% from previous year.
- Responsible for conflict resolution between members of Technique.
- Created budget and approved, tabulated, and oversaw all financial transactions and contracts for *Technique 2011*.
- Conceived, laid out, illustrated, and proofread all design elements for *Technique 2010*.
- Compiled and proofread all events for *Technique 2009* "Journal" section.

Brain and Cognitive Sciences Society (MIT)
Newsletter Coordinator

Cambridge, MA
2010

- Designed, wrote, and distributed monthly newsletter highlighting BCSS and MIT events, news, updates, and resources.
- Organized and attended BCSS study breaks, panels, and dinners for MIT undergraduate BCS community.

SKILLS:

- Computer: MATLAB w/ Psychtoolbox; Python; HTML; CSS; Javascript; Adobe Creative Suite; Final Cut Pro; SketchUp; MS Office.
- Mathematics: Multivariable Calculus; Differential Equations; Linear Algebra; Statistics and Probability.
- Rapid Prototyping: AutoCAD; Rhino; 3dStudio Max; laser cutting; 3d printing; model making.
- Photography: 35mm, medium format, and large format film; digital SLR; chemical darkroom.
- Human Subjects and fMRI Safety Trained (McGovern Institute for Brain Research, MIT).