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## **Tools and** interests

Pencil and paper to sketch designs, Balsamiq to produce shareable wireframes

Design thinking to gain an understanding of how products want to be used. Computational thinking to build prototypes and communicate pathways through technology

Adobe Illustrator and Photoshop to make things pretty. git and GitHub for managing code and issues. Processing and Arduino to explore the digital and physical unknown

I think and care a lot about bicycles, the Internet, and how we can fashion computer interfaces to meet human desires

## **Experience**

2010 - now Product Lead, Harvard Library Innovation Lab. Cambridge, MA

> Direct product design and UX on several creative and important efforts in the academic space. From small investigations like http://hovermarks.org to large production

applications like http://perma.cc

2009-2010 Co-Founder, SegCentral, Cambridge, MA

Involved in all aspects of design and development that took our biotech startup from

an idea to a production web service

2006-2009 Developer, Visionary Technology in Library Solutions. Blacksburg, VA

> Worked in a small, agile team to build and maintain VITAL, a digital repository used by many public and academic libraries

## **Education**

2004 - 2006 MS, Computer Science. Virginia Tech. Blacksburg, VA

> Studied in the Digital Libraries Research Lab. Course highlights include Human Computer Interaction, Information Storage and Retrieval, Information Visualization, and Software Engineering

2000 - 2004 BS, Computer Science. Mansfield University of Pennsylvania. Mansfield, PA