Samantha Goldstein

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Education

Swarthmore College, Swarthmore, PA
Bachelor of Arts, Double Major:
Computer Science, Studio Art, May 2014
G.P.A. 3.7/4.0

Experience

Developer Recurse Center May 2015 - Present

Built and deployed numerous projects primarily using Node, JavaScript, and web sockets. Below is a sample of my recent works:

- **Scattered Thoughts**: An ephemeral messaging system built with Node, Express, web sockets, and a custom interactive canvas animation.
- **Movie Messages**: A proof of concept piece using Node with sockets on Heroku. A user can log into an instance of a film playing and receive text messages from the characters in that film, as a way of augmenting TV and the accepted practice of displaying text messages from characters on screen.
- **Markov Twitter Bot** A twitter bot written in Node that uses two corpora to generate tweets with the combined voice of divergent authors. This bot uses a Markov Decision Model and the Twitter API.
- **Fallen Meteorites**: A visualization of observed meteorites that have fallen over the centuries. It's built using the D3, JavaScript, and Python for parsing data from the Meteoritical Bulletin.

Creative Director VUID, Inc. June 2014 - May 2015

Designer of the Spotlight App for iOS and Android, currently in development in both platforms. Created all wireframes, prototypes, interactions, and hi-fi mock ups. My role included:

- Product design, user experience, and prototyping for iOS, Android, and responsive websites.
- Design and code for various custom emails using Illustrator, Sketch, and HTML/CSS.
- Create data visualizations using SQL and Python.

REU Researcher Mixed Reality Lab Summer 2013
University of Southern California

Programmer on a three-student REU team responsible for creating MuVR (Multi-user Virtual Reality), a self-contained portable platform for experiencing virtual reality in groups. Programmed in C# for Android and designed in Unity, Maya, and the Adobe Suite.

Languages and Libraries

JavaScript, Python, HTML, CSS, C++, C, C#.
D3, Node, Web sockets, React.

HONORS AND AWARDS

Poster at IEEE VR 2014 for MuVR research.
A 2014 Agora Scholar selected for research on MuVR.
Demo at the 2013 Symposium on Spatial User Interaction
A 2013 Lucinda Buchanan Thomas 34 and Joseph H. Hafenshiel 37 Scholar