Samuel V. Kortchmar

skortchmark.com

Brown University, Providence, RI   **Expected May 2016**
Pursuing a BA in Computer Science

RELEVANT COURSEWORK:

Systems:	**Software:**	**Society:**
Introduction to Programming Languages (CS1730)	Introduction to Data Science (CS1951-A)	Rhetorics of New Media
Introduction to Computer Systems (CS0330)	Introduction to Software Engineering (CS0320)	Man and Machine
		Bodies, Identities, and Practices in a Digital Age

WORK EXPERIENCE:

New York Times   New York
Software Engineering Intern   Summer 2015

- Wrote a video editor for automatically generating Vine-style videos and GIFs from Times articles.
- Implemented DFP for the homepage and reduced the page load time by 500ms.
- New UI for restaurant, movie, and theater reviews, and their respective guides.

Sailthru   New York
Software Engineering Intern   Summer 2014

- One of three engineers picked to re-architect Sailthru's internal Javascript UI framework and library – built initial set of generic components at the core of this library.
- Using PHP, created a system for tracking email read-times in real-time using gif images as sockets.
- Built a system analytics page using Backbone.js and Highcharts.js to visualize bottlenecks.

Humanity Centered Robotics Initiative   Brown University
Senior Research Assistant in Computer Science   Summer 2013

- Authored a paper on historic and future applications of anthropomorphism in robotics.
- Co-authored and published an article on end-user programming and the Internet of Things.
- Created an exhaustive database of over 200 researchers in the field, their work and academic connections. Used this information to isolate networks of productive HRI research.

PROGRAMMING PROJECTS:

HackAtBrown.org:
> *Created and led agile dev team that built www.hackatbrown.org from scratch. We served personalized pages to over 2200 applicants. Implemented generic autosave and file-upload widgets, created test-data tools and a QA server. Functional testing in selenium. 3D landing page. Team dashboard.*

Ask me about my other projects using: **Node, Angular, Java, Mongo, SQL, Websockets, FFMpeg.**