Samuel Vermeer Kortchmar

The New York Times *Software Engineering Intern*
New York, Summer 2015
- Independently conceived and implemented an in-browser video editor for quickly generating Vine-style videos and GIFs from Times articles.
- Reduced nytimes.com load times by 500ms by switching to Google's DFP.
- Implemented new UI for restaurant, movie, and theater reviews and guides.

Sailthru *Software Engineering Intern*
New York, Summer 2014
- Led initiative to re-architect Sailthru's Javascript UI framework and library
- Used GIF images as sockets to track email read-times.

Humanity Centered Robotics *Research Assistant*
Providence, Summer 2013
- Published an article on end-user programming and the Internet of Things.
- Authored a paper on applications of anthropomorphism in robotics.

HackAtBrown.org *Lead Developer*
Providence, Fall 2014 - Present
- Created and led agile dev team that built www.hackatbrown.org from scratch. Last year, we served over 2200 applicants.
- Implemented generic autosave and file-upload widgets, created test-data tools and a QA server. Wrote a websocket-based check-in system.
- Functional testing in selenium, and dashboard visualizations

Brown Cubesat *Radio Programmer*
Providence, Spring 2015 - Present
- Programming radio via serial UART so the satellite can communicate.

Brown Computer Science *Teaching Assistant*
Providence, Fall 2015
- TA for CS019 - Accelerated Introduction to Computer Science
- Held hours to assist students, graded work.

Contact Me:
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Education:
Brown University
B.A. Computer Science
May 2016

Selected Coursework:
Embedded Systems
Programming Languages
Data Science
Software Engineering

Languages
HTML/CSS
Javascript
Python
PHP
Java
C
Pyret
Racket
x86_64
Spanish

Ask me about my other projects using Node, Java, Angular, websockets, MongoDB, & FFMPEG.

Interests: I'm the musical director of The Jabberwocks, Brown's oldest a cappella group - I'm also involved in The Triple Helix, an interdisciplinary science magazine at Brown. I love playing basketball and am a die-hard Knicks fan (pity me). At Brown, I have done significant additional coursework in Modern Culture and Media and English. I bring tenacity, awareness, and enthusiasm to whatever team I work on.