

# Joel Gustafson

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## EDUCATION      **Massachusetts Institute of Technology**      **2014-18**

Candidate for Bachelor of Science in Computer Science and Engineering  
Class of 2018 | 4.4 cumulative GPA | 5.0 major GPA  
Current coursework includes Algorithms, Computation Structures, Artificial Intelligence, and Discrete Mathematics

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## EXPERIENCE      **Cofounder and CTO – RedPen, Inc.**      **2015-**

Cofounded startup to connect graduate students, researchers, and science writers with peer editors in their field  
Working with CEO and CMO to develop brand and design UI  
Developing full-stack web app, launch planned for early 2016

## **Undergraduate Research – MIT Media Lab**      **2015-**

Research position in the Viral Communications group  
Developer on Super Glue, a universal media analysis engine  
Work in a small team, rapid iteration of standalone web applications

## **Technology Assistant – Hermantown High School**      **2012-14**

Proposed technology reform to replace computer labs with Chromebooks and integrate Google Classroom and Drive as primary learning platforms  
Pilot program tested in spring 2015 to unanimously positive feedback, over 400 Chromebooks now in daily use across district

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SKILLS	Languages	Software	Interests	Heroes	Fun
	Python	React, Polymer	Strong AI	Alan Kay	Tennis
	JavaScript	D3, Three.js	UI Design	Ted Nelson	Debate
	Java	Parse, Firebase	HCI	Doug Engelbart	Card games
	Scheme, CL	Android Studio	Social Physics	Bret Victor	Deception

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**PROJECTS**

*GRASP*, a graphical dataflow visualizer for arbitrary LISP s-expressions

Magic Deck, an NFC-tagged deck of playing cards and companion Android app for technology-enhanced magic card tricks

Collaborated with researchers at the University of California, Santa Barbara to use Wikipedia page view and edit statistics to predict political elections, found to be more accurate than polls due to

*Black Market*, a social location-aware collaborative shopping app (ongoing)