Joel Gustafson

218.491.3039 | joelg@mit.edu | joelg.org

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

---

EXPERIENCE

Cofounder and CTO – RedPen, Inc.
2015-

Cofounded startup to connect graduate students, researchers, and science writers with peer editors in their field for review before publication

Working with CEO and CMO to develop brand and design website UI

Developing production web application for launch planned for early 2016

Undergraduate Research – MIT Media Lab
2015-

Research position in the Viral Communications group developing Super Glue, a universal media analysis engine

Work in a small team on rapid iteration of standalone web applications, automated video processing, entity extraction, and audio transcription

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

---

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	Magic

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

On, a minimalist, open-ended, versatile binary communication app