

I WRITE CODE

Or rather, I like writing code. I love abstraction, writing great documentation and above all else aspire towards simple, clean interfaces.

Ask me about my thoughts during the interview!

EDUCATION

Northwestern University

(2009 - Present)

BS in Electrical Engineering

Extensive CS coursework

GPA - **3.6** / 4.0

RELEVANT COURSEWORK

Differential Equations - **Tech Startup Entrepreneurship** - Computer Graphics - **Data Structures and Algorithms** - Mechatronics - **Computer Systems** - Signals and Systems - **Human Computer Interaction** - Linear Algebra - **Communication Networks** - Digital Image Analysis

EXPERIENCE

Unannounced Digital Magazine Platform

October 2012 – Present

Lead developer of a digital magazine for a respected tech magazine, similar in functionality to Flipboard. Complete publishing platform with an editor interface and a user facing multiplatform app. Python based stack for the server and a Trigger.io based mobile app.

Project Stagecoach

December 2011 – June 2012

Co-founder of a startup creating a film project management platform for Hollywood. Ruby based server stack.

LIMS Northwestern

January 2011 – September 2012

Overhauled in-house PIC32 based oscilloscope and developed a touch sensor using embedded electronics. Involved microcontroller programming in C and circuit design. Work used in research and to build a multi-purpose tool for the university to issue to students for labs.

SKILLS

- C, C++, Java, .NET, Ruby and Python.
- HTML, CSS, Javascript, LESS and Coffeescript.
- Git and Mercurial
- Good understanding of programming concepts and methodologies.
- Focus on AGILE development practices.

AWARDS

- 1st place M2M hackathon *(June 2012)*
- 3rd place IMO hackathon *(Fall 2012)*
- 3rd place Design Competition *(May 2012)*
- Multiple honors at Northwestern

ONLINE



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<https://github.com/kalail>



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