

# Gavin King

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## Education

**Northeastern University** - *Boston, August 2010 - May 2015*

**Degree:** BS in Computer Science

**Honors:** 3.9 GPA, Summa Cum Laude, Dean's List, CCIS Achievement Award

## Computer Knowledge

**Languages:** Swift, Objective-C, Java, Javascript, Ruby, Python, Lisp, PHP, C, etc.

**Platforms:** iOS, web, backend (API, database), Android, native desktop, design

## Work

**Vimeo** - *Senior Software Engineer, New York, July 2015 - Present*

- Lead the development of the Apple platforms apps
- Manage a team of engineers and interns
- Define the technical roadmap for the apps and frameworks
- Create, architect and maintain internal and open source projects

**Vimeo** - *Engineering Co-op, Los Angeles, January 2014 - June 2014*

- Developed core features of the iOS app such as Search and the feed
- Worked on native OS X apps used internally by the curation team
- Collaborated remotely with the team in New York

**RunKeeper** - *Engineering Co-op, Boston, January 2013 - August 2013*

- Developed the RunKeeper iOS and Android apps
- Built API endpoints and designed database structures
- Utilized massive data sets to surface, graphs, measurements, and other analytics

**Intuit** - *Engineering Co-op, San Diego, January 2012 - August 2012*

- Worked on a specialized team building prototype versions of TurboTax Online
- Created internal web tools for automation and testing

**PayPal** - *Engineering Intern, Boston, June 2011 - August 2011*

- Contributed to the development of the Where Android app
- Participated in QA of the web and mobile apps

## Open Source

**PlayerKit** - [github.com/vimeo/PlayerKit](https://github.com/vimeo/PlayerKit)

A modular, protocol-oriented video player system for iOS and tvOS.

**Uniform** - [github.com/vimeo/Uniform](https://github.com/vimeo/Uniform)

A system for keeping in-memory objects consistent and up to date.

**Launchpad** - *(Coming soon)*

Boilerplate front-end and back-end projects for iOS and Rails. Includes common utilities, a simple database schema, and an authentication API utilizing the Facebook SDK.

# Personal Projects

**What to Do** - [whattodo.ghking.co](http://whattodo.ghking.co)

An iOS app providing curated, daily ideas for things to do.

**Hood** - [github.com/ghking/Hood](https://github.com/ghking/Hood)

A simple time and weather heads up display for Raspberry Pi.

## **Just Be**

A research tool used by Northeastern professors to teach mindfulness to repressive patients via meditation and introspection techniques. Worked with a few other students on the design, iOS app, Pebble watch notification app, and Python backend.

**How Much Snow** - [howmuchsnow.co](http://howmuchsnow.co), [github.com/ghking/How-Much-Snow](https://github.com/ghking/How-Much-Snow)

A one function Node.js web app to forecast how much snow is on the way.

## **Tackboard**

An iOS app for creating collaborative, public shared albums. Accepted as a venture in Northeastern's accelerator, IDEA.

## **Scatter**

A tool used to aggregate embeddable web elements in a drag and drop interface on a single web page. Integrations included YouTube, Vimeo, SoundCloud, Spotify, Google Maps, Twitter, Instagram, and others.

**References are available upon request**