Gavin King

hello@ghking.co | ghking.co

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

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

Hood - 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, 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