

# Samuel E. Giddins

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## Profile

University of Chicago, Class of 2018 (LOA 2014-2015) (triple major in Computer Science, Economics, and Mathematics). National Merit Scholar. Developer with expert Ruby and Objective-C, Cocoa, and Swift experience. Expert in creating world-class experiences for users and developers. Speaker at meetups and conferences around the country. Code used on several hundred million devices daily, and by millions of developers.

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## Work Experience

**Realm** (realm.io)

*Senior Cocoa Engineer*

**San Francisco, CA**

*December 2014 – September 2015*

- Released a Swift binding for the Realm database
- Supported users with usage issues, bugs, and feature requests
- Implemented support for nullable / optional values at the binding level
- Contributed bug fixes and minor enhancements to C++ Core
- Spoke about Realm at conferences, meetups, and podcasts around North America

**CocoaPods (Stripe's Open Source Retreat)** (cocoapods.org)

*Resolver Chief*

**San Francisco, CA**

*September 2014 – December 2014*

- Wrote a reference-implementation dependency resolution algorithm
- Constructed a reference test suite
- Integrated work into CocoaPods, Bundler & RubyGems for use by hundreds of thousands of developers

**Tumblr** (tumblr.com/apps)

*iOS Developer*

**New York, NY**

*June 2014 – September 2014*

- Rewrote critical application components to enable bug fixes and crucial feature development
- Worked as an Apple partner to have a share extension ready on day one
- Ensured a consistent experience across different-sized devices
- Prototyped widely-demanded, headline user-facing features
- Redesigned the core Tumblr dashboard experience
- Collaborated closely with the Creative, Security, and API teams to ensure a top-notch user experience

**Slader** (slader.com)

*Lead iOS Developer*

**New York, NY**

*February 2013 – March 2014*

- Took over codebase from foreign contractor
- Customized mobile experience, increasing customer satisfaction and revenues per user
- Released two new major versions with over 75,000 monthly active users

**Codecademy** (codecademy.com)

*Lead Mobile Engineer*

**New York, NY**

*July 2013 – September 2013*

- Prototyped new entries into the mobile space
  - Led a beta test of a new product category
  - Explored moving existing products onto mobile platforms
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## Education

**University of Chicago**

*The College, B.S., Computer Science, B.S., Mathematics, B.A., Economics*

**Chicago, IL**

*2013 – 2018 (Expected)*

Recipient of the 2014 Jane Morton and Henry C. Murphy Award for student leadership

Dean's List 2014

**Scarsdale High School**

*Honors Student*

**Scarsdale, NY**

*2009 – 2013*

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## Extracurricular Activities/Hobbies

- Avid reader with wide-range of interests, including military history, statistics and baseball
  - Open-source software contributions, found at [github.com/segiddins](https://github.com/segiddins)
  - Core team member on RestKit, CocoaPods & Bundler.
  - Well-traveled in U.S. and abroad (Europe, North America, Middle East)
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## Core Technical Skills

**Languages:** Swift, Objective-C, Ruby, C, JS, Python, Swift,  $\text{\LaTeX}$

**Open Source Contributions:** CocoaPods, bundler, rubygems, jazzy, RestKit, RKValueTransformers, cocoapods-keys