

Choong-Won Richard Kim

cwRichardKim ([website](#), [github](#), [email](#), [medium](#), [twitter](#)) | 617-435-6357

EDUCATION

Tufts University, Medford, MA

Bachelor of Science (BS), May '17 | Majors: Computer Science & Cognitive Brain Sciences

Relevant Courses: Machine Structure & Assembly Language, Data Structures, Discrete Math, Logic, Programming Languages, Computational Theory, Algorithms, Machine Learning, Web Engineering

Chinese International School (IB), Hong Kong, June '12

SKILLS

Programming Languages: Typescript, Javascript, Python, Ruby, SQL, Objective-C, C++, C, Swift

Languages: English, Korean, Chinese (Mandarin)

Software: Git, Xcode, Sketch, VIM, VSCode

Tools: React, Node, Redux, Ruby on Rails, Kubernetes, Jekyll, Twitter API, Venmo SDK, Crashlytics, Mixpanel, Reactive Cocoa, Flurry SDK, Facebook Graph API

EXPERIENCE

Airbnb, Software Engineering

San Francisco, CA, August '17 - Present

- Led a year-long multi-team cost reduction project which now saves tens of millions per year
- Built host financial tools, credit card fraud detection flows, updated payout systems to be Brexit-compliant, and added redundancy to payout systems in a dozen markets
- Currently building products in the [transportation](#) space

Google, Software Engineering Intern

Mountain View, CA, June '16 - September '16

- Built data analysis and visualization tools at Google Fiber to identify important user patterns such as which pages are successful or problematic in a user's flow

Drift, Software Engineering Intern

Boston, MA, March '15 - November '15

- Developed features on Annotate [iOS](#) and [OS X](#) apps (#2 paid productivity app) focusing on efficiently editing graphics on images, resulting in 200% increase in 7-day retention

evoqe LLC., Co-Founder, Lead Developer, UI / UX

Boston, MA, Nov'13 - Feb'15

- Co-founded a startup putting "college social life on an app". The app was accessible to Tufts University students and had 75% of all iOS users on campus (bit.ly/evoqeapp)
- Designed the UI / UX of all versions of the app (V1.0 - V3.2)

Tufts University, TA for Introduction to CS

Boston, MA, Jan '14 - June '14

- Held weekly tutoring sessions, graded assignments, and ran labs

OTHER PROJECTS

Twindr iOS app, Developer / Designer

Boston, MA, Oct '14 - Jan '15

- Link: <http://twindr.me> The story: bit.ly/TwindrStory
- Users swiped 1 million cards during the first month
- #1 on ProductHunt (Jan 17), Gizmodo, LifeHacker, and more

Custom Open Source Libraries, Author

Github.com, May '14 - present

- Link: bit.ly/RKgithub
- Ranked #7 globally on Github's Objective-C Developers of the Month (bit.ly/RKtrend)
- Authored popular repositories that total over 6,000 stars on Github including:
 - A notification system based on Facebook's notification center
 - A custom iOS navigation controller that emulates Android's unique navigation pattern
 - A UIAlertView alternative that emphasizes customizability and single-line deployment
 - And more (see link above)

UX and Development Blog, Author

Medium.com, Aug '14 - present

- Wrote Objective-C tutorials, UX breakdowns, and tech commentary (bit.ly/RKmedium)

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HACKATHONS

Tufts PolyHack, *Lead Organizer, Sponsor Relations*

Tufts University, Oct '15

- One of the 2 lead organizers for the event
- Raised over 400% more than our original goal, and 600% more than previous years by creating a thorough and consistent set of resources for sponsors ahead of time
- Structured a system to maintain sponsor relations for future events
- Improved designer turnout by organizing designer-specific events and incentives, resulting in 700% more designers than previous years
- Improved first-time hacker turnout by building resources such as a [hackathon cheat sheet](#) and a phone number that forwards texts to all organizers (via Twilio)

MHacks, *Hacker*

Michigan University, Jan '15

- Link: bit.ly/GmailHelper
- Worked on Chrome Extension, "Gmail-Helper" (still in progress)
- Gmail-Helper predicts when the recipient is likely to reply based on past interactions.
- Languages and Tools: Javascript, HTML/CSS

YHack, *Hacker, Prize Winner*

Yale University, Oct '14

- Link: bit.ly/RoamApp
- Won the award for cultural impact (and \$1,000) for building Roam
- Roam is airbnb for tour guides. Instead of paying a tour guide thousands to take you to tourist traps, pay a local college student to take you to their favorite places
- Languages and Tools: Swift, Objective-C, JavaScript, Venmo SDK, Parse SDK

Tufts Hackathon, *Hacker, Prize Winner*

Tufts University, Oct '14

- Link: twindr.me
- Won second place overall for building the Twindr iOS app
- Twindr combines Twitter and Tinder into a gamified ratio booster
- Languages and Tools: Objective-C, Twitter API, Parse SDK

Tufts Hackathon, *Hacker*

Tufts University, Feb '14

- Built an iOS app, "Get Me Out Of Here" in response to recent attacks on campus
- The app sends a distress signal to friends or Tufts Emergency Medical Services
- Languages and Tools: Objective-C, Parse SDK

Tufts Hackathon, *Hacker*

Tufts University, Oct '13

- Built a web app, "Granny Ad Checker" that keeps the elderly safe on the web
- Languages and Tools: Javascript, HTML / CSS, Google Safe Browsing API