

# Alan Kantz

iOS Developer

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I am a software developer specializing in iOS and Swift. You can view my development portfolio at [alank.github.io](https://alank.github.io) or follow the links to specific projects below. I also have interest and expertise in team leadership and meeting facilitation.

## Professional Development Experience

### **Citi FinTech (Long Island City, NY) on contract from LTI** *May 2018–Present*

Working as an iOS (and sometimes microservices) developer on the Insights team of Citi FinTech. The Insights team is responsible for features that help users track, forecast, and plan their spending. My roles include writing Swift for the Citibank iOS app, maintaining the Java code for an Insights endpoint, reviewing pull requests for Insights and other teams, and informally mentoring new iOS developers on the team.

- Seconded to the Know Your Customer team to deliver a critical behind-schedule feature on a one-week timeframe.
- Pinch-hit as a Java microservices developer to help our short-staffed backend team. Added features, improved test coverage, and fixed bugs for the endpoint serving the Insights dashboard tiles to Android and some iOS clients.
- Created a new abstraction for iOS network calls in the Insights features, making heavy use of generics, type inference, and method overloading. Improved test coverage and code reuse while eliminating hundreds of lines of confusing and duplicative code. My networking abstraction is now being used by three other teams.
- Served as scrum master of the Insights team for three months, despite being one of the most junior members of the team; uniformly described as the best scrum master the team has had in recent memory.
- Collaborated with microservices developers on Insights to develop, test, and launch the Remove Bill and Monthly Overview Options features.
- Worked on all parts of the Abnormal Spending, Monthly Overview, and Bills tiles (and associated screens) for the Citi FinTech-led relaunch of the Citibank iOS app.

## Other Development Experience

### **TimerSwipe (alank.github.io/timerswipe) Independent Developer** *January 2016–Present*

An iOS timer operated by swipes, appropriate for exercise and stretching when it is difficult to see the device screen.

- Designed and developed TimerSwipe, publishing in the App Store in January 2017: [appstore.com/timerswipe](https://appstore.com/timerswipe)
- Implemented full accessibility support via the UIAccessibility framework and VoiceOver in subsequent releases.

### **New York on Tech (New York, NY) Volunteer Instructor** *February–April 2018*

Co-taught an after-school introductory Swift programming course to 10th- and 11th-grade students as a pilot program. Developed original apps for students to use in development exercises I from adapted the Apple Swift curriculum.

### **Untitled E-Commerce Project (alank.github.io/e-commerce-app.html) Consultant** *January 2018–April 2018*

Provided technical guidance for an entrepreneur developing a multivendor marketplace e-commerce project. Researched existing multivendor marketplace products and services, and defined a Minimum Viable Product on which to focus efforts.

## Other Work Experience

### **American Thoracic Society (New York, NY) Coordinator** *April 2014–February 2017*

### **Global Advisors on Smokefree Policy (Summit, NJ) Program Manager** *2011–2014* **Consultant** *2010–2011*

## Skills & Education

Swift, Cocoa Touch, UIKit, Git, Rational Team Concert, Java, interdisciplinary communication, and facilitation.

### **B.A., Drew University (Madison, NJ)** *May 2010*

Philosophy major, Economics minor. 3.8 GPA. Summa Cum Laude.