Alan Kantz
Junior iOS Developer

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I am an independent iOS developer specializing in utilities and productivity tools. You can view my development portfolio at **alank.github.io** or follow the links to specific projects below. My previous experience is in the nonprofit health sphere, where I have a successful track record of planning and completing long-term projects.

Development Experience

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

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

- Published in the App Store in January 2017: **appstore.com/timerswipe**
- Implemented full accessibility support via the UIAccessibility framework and VoiceOver in subsequent releases
- Implemented iOS 11-specific features, including drag and drop and iPhone X support, in subsequent releases

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

Providing technical guidance for an entrepreneur developing a multivendor marketplace e-commerce project.

- Defined a "minimum viable product" feature set for the project on which to focus further efforts.
- Researched existing multivendor marketplace products and services and briefed the client on their suitability for the project, with a special focus on hosted services that could support custom mobile apps.

New York on Tech (New York, NY) Instructor *February 2018–Present*

Co-teaching an after-school introductory Swift programming course to 10th- and 11th-grade students as a pilot program.

- Taking students with no coding experience from the basics of writing Swift in Xcode, through the use of UIKit and Interface Builder, to creating original iOS apps using the MVC design pattern.
- Introducing advanced students to closures, GCD, and the delegation and dependency injection design patterns.

Work Experience

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

Provided administrative support for conference content development, liaised with IT, and issued signage, A/V, and build requests to our meeting services contractor. During conferences I staffed meetings, symposia, and networking events.

- Overhauled the system by which ATS judged and selected certain courses for the annual ATS Conference. Replaced an error-prone and labor-intensive process with an auditable system based on Google Sheets that reduced the burden on staff and aided participation by off-site ATS members.
- Created a 1-hour training for select ATS staff on Google Drive, Docs, and Sheets. Created a decision aid for choosing between the Google office suite and Microsoft Office. Attendees have adopted the Google suite for select ATS projects.

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

Advocated for smoke- and tobacco-free policies and provided guidance and information to New Jersey residents affected by secondhand smoke. Supported GASP administrative and technical work.

- Redesigned the GASP website in HTML5 and CSS3 and created templates for their existing CMS.
- Created original branding for GASP initiatives, including custom art and standardized color and type.

Skills & Education

Swift, Xcode, Cocoa Touch, Operation & OperationQueue, interdisciplinary communication, and meeting facilitation.

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

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