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# Ahmed Elkady

Mobile Team Lead

## Summary of Qualifications

<b>Frameworks</b>	iOS, Android, PromiseKit, Cocoapods, SnapKit, SDWebImage, KIF, Quick, Nimble
<b>Languages/Tools</b>	<b>Proficient:</b> Swift, Objective-C, Java, Lua <b>Adept:</b> C++, HTML, CSS, Javascript/JSON, jQuery, Matlab <b>Familiar:</b> C, C#, VHDL, PHP
<b>Miscellaneous</b>	Agile Dev, Teamwork, Leadership, Git, VIPER and MVVM architectures

## Employment

### Top Hat

Toronto, ON  
Sept 2017 - Now

**Mobile Team Lead** · Jan 2020 - Now

**iOS Team Lead** · March 2019 - January 2020

**Senior iOS Developer** · April 2018 - March 2019

**iOS Developer** · Sept 2017 - April 2018

- Managing 7 direct reports as mobile team lead, a mixture of iOS, Android, junior and senior developers as well as 1 mobile QA
- Created Top Hat's first and only iOS open source project, [RichTextView](#)
- Participated in an entire iOS app rewrite, moving 60%+ of the project's code to Swift within the first 6 months and improving the app's weekly crash-free rating from an all-time low of 96.5% to 99.5% and the App Store rating from 3.2 to 4.5 stars out of 5.
- Pioneered new iOS development standards and processes, and oversaw the new VIPER architecture implementation in the iOS app rewrite
- Championed a week-long project to streamline and standardize our dependency management system, removing approximately 100,000 lines of code in the process.

### LinkedIn

San Francisco, CA  
Sept - Dec 2016

**iOS Developer** · Intern

- Worked on the Messaging portion of the flagship iOS app, with 8 other iOS developers and approximately two dozen other developers, project managers, and designers
- Developed a feature that allowed LinkedIn employees to message their coworkers and add them to group conversations, working with an Android and backend developer.
- Enhanced the messaging experience by enabling users to see the content of URLs sent in the app, by showing a basic image, title, and description, with inline YouTube videos

### Compass

New York, NY  
Jan - April 2016

**iOS Developer** · Intern

- Worked with a team of 3 developers to manage 5 iOS applications for the luxury homes market, developing features that led to an 80% engagement rate on our apps
- Utilized polygon drawing and correction algorithms to enable users to draw custom boundaries on a map, in order to filter particular regions in a real estate search

## Projects

### RichTextView

Nov 2018

**iOS Open Source Project**

Text View (UIView) that Displays LaTeX, HTML, Markdown, and YouTube/Vimeo Links

## Education

### Bachelor of Applied Science

Sept 2012 - May 2017

**Computer Engineering, University of Waterloo**

- CGPA: 3.9. Last Class Rank: 3<sup>rd</sup> of 65. Dean's Honour List in all academic terms
- Created 5 Android applications, including one which drew a path between two points that didn't hit any obstacles and could track your movements
- Recipient of the President's Scholarship and the Engineering Int'l Student Grant