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# Daniel Calabrese

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Android app developer working on a large project as the sole engineer who excels at analyzing diverse problems, finding and implementing solutions, and documenting results. Experienced remote worker capable of working independently and collaborating with teams when necessary.

## Technical Skills

*Languages:* Kotlin*,* Java, Javascript, PHP, C++, Python, HTML5, CSS3, SQL/NoSQL, XML
*Frameworks/Libraries:* Android, Swing, JavaFx, Firebase, Retrofit/OkHttp3
*Other:* Git/GitHub, Android Studio, Linux OS, Mac OS

## Personal Projects

**Chatter Android App -** *Chatter on Google Play*                                            *November 2017*

- Messaging app that utilizes authentication, database, functions, and storage of Google's mobile platform, Firebase.
- Utilized Firebase UI, RecyclerView, Intents, Fragments, and Widget.
- Deployed to the Google Play App Store.

**Baking Recipes Android App -** *dcalabrese22.github.io/Baking-Recipes/*                    *June 2017*

- Mobile app that allows users to read ingredient lists, preparation directions, and watch videos for baking desserts.
- Displays a grid of recipe cards, launches a details screen when a recipe is selected, and allows users to select recipe step instructions that launches a video example.
- Utilized RecyclerView, ContentProvider, data persistence, SQLite database, Intents, Widget, and master detail flow.

**Popular Movies Android App -** *dcalabrese22.github.io/Discover-Movies/*                    *May 2017*

- Mobile app that allows users to browse movies, tag favorites, read reviews, and watch movie trailers.
- Retrieved movie data from online REST API in JSON format and stores data in local SQLite database.
- Utilized RecyclerView, custom content provider, and loaders.

## Work Experience

**Zerion Software, Inc. -** *Android Developer*                    Herndon, VA-remote | *February 2018-Present*

- Sole Android developer responsible for maintaining and adding new features to the iForm app.
- Development and maintenance of automated UI testing frameworks for both mobile and web apps in order to increase integrity and identify bugs before public release.
- Development of mobile libraries with full unit test suite. Examples include connecting the app to backend APIs for sending and retrieving data asynchronously and customer requested features that track a user's location and posts it to a dynamic url.
- Performed integrations of both Mapbox and Google Maps.
- Internal developer advocate for test driven development and thoughtful architecture.
- Work with customer support to resolve customer found issues.

**Albany Molecular Research, Inc. -** *Service Engineer*                    Rensselaer, NY | *January 2012-February 2018*

- Maintain and administer 2 computer networks and 13 computing environments including computer hardware, systems software, applications software, and all configurations.
- Responsible for the calibration and maintenance of 40 laboratory instruments, which saves approximately $200,000 yearly and reduced instrument downtime by 50%.

## Education

**Udacity -** *Android Developer Nanodegree*                                            *March 2017-December 2017*
**Hudson Valley CC -** *Coursework in Computer Information Systems*                    *January 2015-May 2017*
**University of South Florida** - *Biomedical Sciences, B.S.*                            *December 2008*