Troy, NY
(352) 428-8054
dcalabrese22@gmail.com

Daniel Calabrese

dcalabrese22.github.io
github.com/dcalabrese22
linkedin.com/in/dcalabrese22

Highly motivated and excited professional committed to a long-term career in software application development. Experienced service engineer who excels at analyzing diverse problems, finding and implementing solutions, and documenting results.

Technical Skills

Languages: Java, C++, Python, HTML5, CSS3, SQL, XML
Frameworks/Libraries: Android, Swing, JavaFx
Other: Git/GitHub, Android Studio, Linux OS

Project Experience

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 recyclerviews, custom content provider, and loaders.

Radio Station Music Database - *dcalabrese22.github.io/RadioStationDatabase*   *December 2016*

- Relational database that would allow tracking of songs, advertisements, and other things played on the air by DJs across radio stations, implemented in Oracle 11g XE.
- Modeled relational schema by creating in depth entity relationship diagram and wrote SQL to build the database.

Work Experience

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

- 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%.
- Communicate with vendor personnel for new instrument price quotes, software updates, and product availability.

Pace Analytical Laboratories - *Extraction Chemist*   Schenectady, NY | *September 2010-January 2012*

- Worked on the GE Hudson River dredging project which required 50 to 100 samples to be extracted, analyzed, and reported within a 24 hour time period daily.
- Setup and conducted chemical experiments, tests, and analyses, using techniques such as chromatography, spectroscopy, physical or chemical separation techniques, or microscopy.

Education

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