

# Richard Frnka – Resume

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<b>Name</b>	Richard Alexander Frnka	<b>Phone</b>	817-279-3965
<b>Date of Birth</b>	March 22, 1989	<b>Address</b>	619 E. Van Week St. Edinburg, TX 78541
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<b>Ethnicity</b>	American Indian	<b>Website</b>	richardfrnka.com

## Personal Profile

Mathematics Ph.D. with full-stack iOS development skills including several apps published to the store.

## Education

- 2011-2017** Ph.D. in Mathematics - Louisiana State University  
Adviser: Karl Mahlburg  
*Thesis: "Asymptotic Formulae for Restricted Unimodal Sequences"* ([link](#))
- 2007-2011** B.S. in Mathematics and Computer Science- Eckerd College

## Employment History

- May 2017 - Present** CleverSolve LLC- Edinburg, TX  
*Co-Founder and Chief Technology Officer*
- Startup business located in the Rio Grande Valley for application development. Leading projects for Android, iOS, and browser-based applications while maintaining standards for best practices.
- Main Responsibilities:** Full Stack iOS Development, Project Management, Team Supervision, Web Development, Accounting, Proposal Writing, Networking and Sales

## Quick Portfolio

### iOS Applications

- Math Whiz
- Easy Eats
- GoMission
- Delivery App

### Websites

- CleverSolve Website
- Personal Website
- Legalize Cats!
- RGV TTL

## Application Development Skills

### ■ iOS Development

- Language: Best with Swift4, knowledgeable in Swift3, some experience with Objective-C
- Architecture: MVC, some practice with MVVM and VIPER
- Front-End: CALayer for view drawing and customization, Material Design usage, Storyboard skills
- Back-End: Lots of experience with Firebase/Firestore including Image Storage, authentication, cloud messaging, and analytics. Have also used AWS and done simple MySQL.
- Elements: TableViews, CollectionViews, PageViewControllers, TabBarController, Navigation Stack Manipulation, Swipe/Tap Gesture Recognizers
- Animations: Simple transform with UIView.animate method, and more recently CABasicAnimation
- Other: Language Localizations, Stripe Integration for payments, Music/Audio addition

### ■ Graphic Design

- GIMP for image resizing, touch-ups, scaling, cropping
- Inkscape for vector drawing
- Adobe XD and Figma for Prototyping and App Layouts

## iOS Project History

**June 2018- Present** MathWhiz- CleverSolve  
*Full Stack iOS Developer*  
Advanced Math Games

**Jan 2018- Present** Digital Business Card App - CleverSolve  
*Project Manager and iOS Full Stack Developer*  
Creating a digital business card application aimed at networking events and conferences.

**May 2018** EasyEats and EasyDrinks - CleverSolve  
*iOS Full Stack Developer*  
Restaurant and drink randomizer apps.

**Nov. 2017- Dec. 2017** GoMission App for Android and iOS - CleverSolve  
*Project Manager and iOS Full Stack Developer*  
Local business directory and couponing app.

**May 2017- Nov. 2017** Delivery Application for Android and iOS - CleverSolve  
*Project Manager and iOS Full Stack Developer*  
Multi-functional delivery system application