

# RAZ FRIMAN



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razfriman

## Programming Languages

C# • Angular 7 • TypeScript • Java •  
Swift • Objective-C • Python •  
VB.NET • PHP • C++ • SQL •  
MATLAB • Assembly • Node •  
HTML5 • LESS/SASS

## Technologies

Docker • ASP.NET • .NET Core •  
MySQL/PostgreSQL/MSSQL • Entity  
Framework • Amazon Web Services  
/ Azure • WPF • Windows Forms •  
LINQ • Ionic • Cordova •  
NativeScript • ANTLR • MongoDB •  
Firebase • Wordpress • Reverse  
Engineering • ElasticSearch •  
Continuous Integration

## Interests

Country Two-Step Swing Dancing •  
Hiking • Cooking • Baking •  
Photography • Aerial Photography

## Awards

- Winner, SMU Big iDeas Business Plan Competition
- Upsilon Pi Epsilon Engineering Honor Society
- First Place, SMU Sorting Algorithm Competition

## Languages

- English (US Citizen)
- Hebrew

## Experience

Nov 2017  
Dec 2017

### Software Engineer - Remote

### In-Com Data Systems

- Architected and implemented a Chatbot application platform  
*C#, ASP.NET Core, Angular*
- AI integration through Google DialogFlow, Watson AI and Microsoft Luis
- Integrated into websites, Slack, Discord, Skype for Business, Facebook Messenger

Jul 2016  
Oct 2017

### Enterprise Software Engineer II

### SpaceX

- Designed and implemented integrations for commands and telemetry into the mission-critical system for procedure running and authoring used by all launch engineers
- Mentored an intern while we developed a FMECA (Failure Mode Effects and Criticality Analysis) tool for analyzing and detecting single points of failures on the rocket
- Implemented the algorithm that assigns Falcon-9 serial numbers to each SpaceX rocket booster, which affects every department integrating their code with the rocket
- Created and implemented a framework that tags serial numbers and missions to rocket boosters for the purpose of rocket re-usability management

Aug 2010  
May 2016

### Software Engineer

### In-Com Data Systems

- Designed and implemented Language Parsing/Analysis Framework  
*C#, ASP.NET, ANTLR*
  - Currently in use at JP-Morgan, Thompson Reuters, Nissan Motors, Southwest Airlines and other Fortune-500 companies
  - Supports: COBOL, Java, C#, VB.NET, VB6, C, Assembly

## Education

2015 - 2016 **M.S. Computer Science** Southern Methodist University, Texas  
GPA: 3.7

2012 - 2016 **B.S. Computer Science** Southern Methodist University, Texas  
*Minor in Mathematics*  
GPA: 3.83

## Projects

### Scavenger City *C#, .NET Core, Angular 5, PostgreSQL, Docker*

- A service that provides fun and challenging scavenger hunts for individuals and groups around popular urban areas while also serving as a self-guided tour around the city. Available at <https://scavenger.city>

### ARWorld *Swift, ARKit, C#, .NET Core*

- Created a multiplayer iOS application using ARKit that allows users to collaboratively draw in 3D space using their phones.

### TeslaLib *C#*

- Implemented C# Library to access Tesla Motors' API to manage the car's settings.

### MyRealEstate *Swift, AngularJS, Node, MongoDB*

- Application to help owners manage rental properties and track investments.

### Out&About *Ionic, Cordova, AngularJS*

- Cofounded startup to organize social event for groups. Implemented hybrid mobile application for iOS and Android.