RAZ FRIMAN

📞 +1 214-986-1050 (USA)
   +61 401-384-652 (AUS)

🔗 razfriman.com

✉ raz.friman@razfriman.com

in /in/razfriman

⬛ razfriman

Programming Languages

C# • Angular 2/4/5+ • AngularJS • TypeScript • JavaScript • Java • Swift • Objective-C • Python • VB.NET • PHP • C++ • 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

Traveling • Hiking • Cooking • Baking • Photography • Aerial Photography • Blockchain

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

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 reusability management
- Led initiative to introduce and integrate ElasticSearch into the Information Systems department for full-text searching

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
  - Includes public APIs for use by clients
  - Supports: COBOL, Java, C#, VB.NET, VB6, C, Assembly

Education

2015 - 2016	**M.S. Computer Science** GPA: 3.7	Southern Methodist University, Texas
2012 - 2016	**B.S. Computer Science** *Minor in Mathematics* GPA: 3.83	Southern Methodist University, Texas

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.

MapleStoryHooks *C#, C++, Assembly*

- Developed an application to decrypt TCP/IP packets for an online game by reverse engineering the game client's internal network functions and hooking them to intercept unencrypted data.