

# RAZ FRIMAN



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## PROGRAMMING LANGUAGES

C#

Angular/React/TypeScript/Node

Java/Kotlin

Swift/Objective-C

Python

SQL

C++/Assembly/MATLAB

HTML5/LESS/SASS/CSS

## TECHNOLOGIES

Docker/Kubernetes/C.I./C.D.

.NET Core/ASP.NET Core

MySQL/PostgreSQL/MSSQL/MongoDB

Amazon Web Services/Azure/GCP/Firebase

WPF/Windows Forms/LINQ

Ionic/Cordova/NativeScript

ANTLR/Reverse Engineering/

ElasticSearch/SOLR

## INTERESTS

Country Two-Step Swing Dancing

Hiking

Cooking/Baking

Photography/Aerial Photography

## LANGUAGES

English (US Citizen)

Hebrew

## WORK EXPERIENCE

### CANVA

### SOFTWARE ENGINEER

NOV 2018 - PRESENT

- Designed and implemented a system to search and index the entire library of ~400,000 Canva templates in ~100 locales globally
- Rewrote a local development tool and reduced runtime by 80%, Saving ~20,000 hours of CI work per year

### SPACEX

### SOFTWARE ENGINEER II

MAY 2016 - DEC 2017

- 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

### IN-COM DATA SYSTEMS

### SOFTWARE ENGINEER

JAN 2010 - MAY 2016

DEC 2017 - NOV 2018 (REMOTE)

- Designed and implemented Language Parsing Framework
  - 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
- Architected and implemented a Chatbot application platform
  - AI integrations: Google DialogFlow, Watson AI, Microsoft Luis
  - Platform integrations: Web, Slack, Discord, Skype for Business, Facebook Messenger

## EDUCATION

### M.S. COMPUTER SCIENCE

DALLAS, TX

SOUTHERN METHODIST UNIVERSITY | 2015 - 2016

### B.S. COMPUTER SCIENCE

DALLAS, TX

SOUTHERN METHODIST UNIVERSITY | 2012 - 2016

- Minor in Mathematics
- Specialization in Cybersecurity

## PROJECTS

### TESLA LIB

C# .NET STANDARD

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

### RAZZLE SERVER

C# .NET CORE, POSTGRESQL, DOCKER

MapleStory server emulator for MapleStory v40b written in C#. This server emulates the original game and allows user to play the game locally or online with friends