

# Faizan Virani

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<https://faizanv.xyz/> (Google Me!)

## » Education

**Georgia Institute of Technology**, Atlanta, GA  
BS in Computer Science – Expected May 2018

## » Work Experience

**SpaceX** – Enterprise Web Development Intern – Hawthorne, CA  
Summer 2016

- Built web application with .NET, [Angular.js](#), and TypeScript that reduced waiting time in lines for over 6000 employees saving many hours in lost productivity
- Helped to define usage standards for TypeScript throughout the department
- Developed features for internal DevOps tools to reduce the usage of PowerShell scripts and to aid in the deployment of all SpaceX internal applications

**Georgia Tech College of Computing** – Undergraduate Researcher – Atlanta, GA  
August 2015 – December 2015

- Contributed to Furious.js, an open sourced research project that brings asynchronous scientific computing to [JavaScript](#)
- Created interactive demos showcasing asynchronous large-scale calculations using Furious.js and D3.js

**State Farm** – Android Development Intern – Atlanta, GA  
Summer 2015

- Collaborated with iOS and backend interns to refactor agent search on the Pocket Agent [Android](#) application
- Tested and determined appropriate [Android](#) training tools and decreased training time by 3 days
- Tackled bug fixes for business facing apps used by more than 18,000 employees

## » Projects & Awards

**Gun-Loc** – IoT device and Web Application

- IoT gun tampering detection device built using [Node.js](#), Twilio, and an accelerometer
- People's Choice Award Microsoft Imagine Cup 2016 (Build 2016)
- 3<sup>rd</sup> place overall HackIllinois 2016

**Capital One Instagram Analytics** – Web Application

- Visualized sentiment of #CapitalOne on Instagram using D3.js and [Node.js](#)
- Capital One Software Engineering Summit 2016 Qualifier

**Pebble Pickup/Flickup Pickup** – Pebble Smartwatch App

- Flick your wrist to pull pickup lines onto a Pebble Smartwatch using [Node.js](#), MongoDB, and Pebble.js
- Sponsor Prize Winner Strap API at MHacks V

**Get To A Better State** – Android Application

- Increases employee productivity by providing visualizations of communication sentiment over time
- Built using Firebase, [Android](#), and Alchemy API at State Farm Hack Day 2015

## » Skills

**Languages:** [JavaScript](#), Java, Python, C#, SQL, MongoDB, MS SQL Server, PHP, HTML, CSS

**Frameworks:** [Node.js](#), D3.js, [Angular.js](#), [Android](#), .NET, Entity Framework, JQuery, Knockout.js

## » Leadership

**HackGT** – Director of Operations – Lead the team that handles sponsorship, food, and other logistics.  
Manage the HackGT backend and develop applications for the event

**gt-webdev** – Technical Committee – Give tech talks and hold workshops on various topics in web development

**Georgia Tech Housing** – Peer Leader (RA) – Establish a community that supports over 400 freshman through mentorship and large scale programming