

# Faizan Virani

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<http://faizanv.xyz/>

## » Education

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

## » 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 change deployment settings from a web application GUI instead of through PowerShell scripts

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

- Created interactive demos showcasing asynchronous large-scale calculations using Furious.js and D3.js
- Furious.js is an open source library for hardware-accelerated scientific computing similar to numpy

**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

## » Projects

### **Gun-Loc**

- Microsoft Imagine Cup 2016 People's Choice Award
- HackIllinois 2016 3<sup>rd</sup> place prize in hardware
- Internet of Things #IoT gun tampering detection (MEAN Stack)

### **Pebble Pickup/Flickup Pickup**

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

### **1001 Smiles**

- Provides a portal for announcements and push notifications as well as multimedia to keep users up to date with the happenings of camp (Android, Material Design, Parse, Firebase)

### **Get To A Better State**

- State Farm Hack Day project to increase employee productivity visualizations of employee communication sentiment (Firebase, HTML/CSS, JQuery)

## » Skills

[JavaScript](#) ([Node.js](#), Express.js, [Angular.js](#), TypeScript, Pebble.js, JQuery, D3.js, Knockout.js)

Java ([Android](#))

.NET Framework (C#, Entity Framework, MS SQL Server, Web API)

Python

SQL, MongoDB

## » 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* – Giving tech talks about emerging technologies in [web](#) development and how to utilize them

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