

# Faizan Virani

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

## » Education

**Georgia Institute of Technology**, Atlanta, GA  
BS in Computer Science – Expected Fall 2017

## » Work Experience

**Snapchat** – Software Engineering Intern – Venice Beach, CA  
Summer 2017

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

- Built web applications 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** – People's Choice Award Microsoft Imagine Cup 2016 (Build 2016)  
IoT device and Web Application

- IoT gun tampering detection device built using [Node.js](#), Twilio, and an accelerometer
- 3<sup>rd</sup> place overall HackIllinois 2016

**alter**– CalHacks 2016

[Python](#) Web Development Tool

- Increases accessibility for vision impaired users through Artificial Intelligence
- Fills in HTML alt tags automatically with data from Microsoft Cognitive Services

**Capital One Instagram Analytics** – Capital One Software Engineering Summit 2016 Qualifier  
Web Application

- Visualized sentiment of #CapitalOne on Instagram using D3.js and [Node.js](#)
- Shows CapitalOne what users think about them over time

**Pebble Pickup/Flickup Pickup** – Strap API Sponsor Prize Winner at MHacks V  
Pebble Smartwatch Application

- Flick your wrist to pull pickup lines onto a Pebble Smartwatch
- Built using [Node.js](#), MongoDB, and Pebble.js

## » Skills

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

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

**Relevant Coursework:** Natural Language Processing, Information Security, Data Structures and Algorithms

## » Leadership

**HackGT** – Director – Lead a team of individuals who put on a hackathon with over 1200 attendees from around the country, 20+ sponsors, and a monumental impact on Georgia Tech