

# Faizan Virani

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<http://faizanv.xyz/>

## » Education

**Georgia Institute of Technology**, Atlanta, GA

BS in Computer Science (Information Interworks and Intelligence) Anticipated May 2018

## » Work Experience

**Undergraduate Researcher** – Georgia Institute of Technology College of Computing – Atlanta, GA

August 2015 - Present

- Work to develop Furious.js, a [JavaScript](#) package for hardware-accelerated scientific computing similar to Python's numpy
- Use Furious.js and D3.js to create interactive demos showcasing asynchronous large-scale calculations

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

Summer 2015

- Worked to improve and prototype agent facing [Android](#) applications used to target new customers and increase retention
- Collaborated with the iOS and backend interns to recreate the UI currently used by State Farm to search for nearby agents
- Tested and determined the appropriate [Android](#) training tools to decrease training time by 3 days

**Student Assistant/Web Developer** – Technology Services Organization, Georgia Tech – Atlanta, GA

August 2014 – May 2015

- Web developer for the College of Computing (PHP/MySQL, HTML/CSS, [JavaScript](#), JQuery)
- Implemented the faculty/staff search features on the College of Computing website
- Provided technical support to College of Computing faculty/staff

## » Projects

**Pebble Pickup/Flickup Pickup** – MHacks – Strap API Sponsor Prize Winner

- Users flick their wrist to pull pickup lines onto a Pebble Smartwatch
- Node.js, MongoDB, Pebble.js, JQuery

**Get To A Better State** – State Farm Hack Day – July 2015

- Increases employee productivity by running their email communication through a sentiment engine and putting into numbers how positively employees are communicating with their customers as well as other employees (Firebase, HTML/CSS, JQuery)

**1001 Smiles** – Service Project – Android Application For Religious Camp

- Created an app for the Camp Mosaic summer camp that communicates with over 140 parents
- Provides a portal for announcements and push notifications as well as multimedia to keep parents up to date with the happenings of camp (Material Design, Parse, Firebase)

## » Skills

**Languages/Frameworks/Technologies**

[JavaScript](#)(Node.js, MongoDB, Pebble.js, JQuery), Java([Android](#)), Pebble, HTML/CSS, PHP/MYSQL

## » Leadership

**HackGT Organizing Team** – Technical Team – Work on the various web apps, forms, and mobile applications used by HackGT to effectively host hackathons

**gt-webdev** – *Technical Committee* – Give tech talks about emerging technologies in web development and how to use them

**Georgia Tech Housing** – *Peer Leader* – Establish a community that supports the intellectual, social, and cultural growth of Georgia Tech Freshman