

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 – Junior

» Work Experience

Undergraduate Researcher – Georgia Tech College of Computing – Atlanta, GA

August 2015 – December 2015

- 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 – MHacksV – Strap API Sponsor Prize Winner

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

1001 Smiles – Service Project – Android Application For Religious Camp (Publishing in progress)

- 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 (Android, Material Design, Parse, Firebase)

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

- Increased 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)

AssociateMe – HackFSU '16 – February 2016

- Created simple games to help crowdsource associativity networks with the goal of using the collected data to procedurally generate more levels for the game
- Used D3.js to create a graph visualization of all collected data which could then be used to see common though patterns among users with applications in marketing, branding, and psychology (MEAN, D3.js)

» Skills

[JavaScript](#)(Node.js, Express.js, Pebble.js, JQuery, D3.js, Angular.js), Java([Android](#)), HTML/CSS, SQL, MongoDB, PHP

» Leadership

HackGT Organizing Team – Technical Team – Working on the various [web](#) apps, forms, and [mobile](#) applications used by HackGT to effectively host hackathons

gt-webdev – *Technical Committee* – Giving tech talks about emerging technologies in [web](#) development and how to utilize them

Georgia Tech Housing – *Peer Leader* – Establish a community that supports the intellectual, social, and cultural growth of over 400 freshman through mentorship and large scale program organization.