Faizan Virani

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» Education

Georgia Institute of Technology, Atlanta, GA
BS in Computer Science (Information Interworks and Intelligence) Anticipated May 2018 – Junior

» 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(Express), Pebble.js, JQuery, D3.js), Java(Android), HTML/CSS, PHP, SQL, MongoDB

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