

Faizan Virani

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» Education

Georgia Institute of Technology, Atlanta, GA

Bachelor's in Computer Science May 2018

» Work Experience

Georgia Institute of Technology College of Computing, Atlanta, GA

Undergraduate Researcher, 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

State Farm, Atlanta, GA

Android Development Intern, 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

Technology Services Organization, Georgia Tech College of Computing Atlanta, GA

Student Assistant, August 2014 – May 2015

- Web developer for the College of Computing
 - Implemented the faculty/staff search features on the College of Computing website
 - Provided technical support to College of Computing faculty/staff
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» 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

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

1001 Smiles, Android Application For Religious Camp

- Created an app for the Camp Mosaic summer camp which 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 (Use of Material Design), Parse, Firebase

Study Time, HackIllinois project February 2015

- Created a way for students to create flashcards online and use their Pebble Smartwatch to view and study them so that any time is Study Time
 - Node.js, MongoDB, Pebble.js, Heroku
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» Skills

Languages/Frameworks/Technologies

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

» Activities

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