NISHANT SHAH

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http://github.com/nini1294 • www.linkedin.com/in/nishantshah30 • Non-U.S. Citizen (F-1 Visa)

EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY **Atlanta, GA**

Bachelors of Science in Computer Engineering *Fall 2013 – Spring 2017 (expected)*

- Awards/Honors: Deans List **GPA: 3.85**

SKILLS

Programming Languages

- Experienced: Java, Ruby, C/C++, JavaScript, and HTML, MySQL.
- Familiar: PHP, Python, Node.js, MATLAB, MongoDB, PostgreSQL.

Technologies

- Android, UNIX/Linux, Ruby on Rails, Sinatra, Git, CodeIgniter (PHP), OpenCV, Django.

Software

- Web Design and Graphics: Familiar with graphics editors including GIMP and Photoshop.

Communication

- Experience writing lab reports and technical writing for research publications.

EXPERIENCE

RidoRama - Summer Intern **Mumbai, India**

Android Application Development *Summer 2015*

- Worked on the three-member Android application development team at a networking and carpooling startup in Mumbai.
- Collaborated with the designers as well as sales and product team to rapidly prototype ideas and improve them iteratively.
- Worked with backend developers to integrate the backend JSON API into a native Android application.
- Designed and implemented a material UI/UX for the app, including custom XML elements and transitions.
- Developed a GPS tracking module for the app using the Google Maps API and Android location services, developing a system that balances location accuracy and battery use.

RoboJackets - Georgia Tech Competitive Robotics Team **Atlanta, GA**

Member of the Software Team for the IARRC competition *Fall 2013 / Spring 2014*

- Worked on an autonomously driving miniature racecar competing at an international inter-collegiate robotics competition, and placed 1st at the 2014 IARRC competition at the University of Waterloo.
- Implemented stoplight and racetrack boundary detection algorithms using C++ and OpenCV.
- Integrated the computer vision, camera, and motor control components using a development platform.

PERSONAL PROJECTS

MyNeta API (https://github.com/nini1294/myneta_api) *Summer 2015*

- Developed an open source API for data about Indian legislative representatives elected to the central and state houses of parliament.
- Extracted and parsed the data from various govenment sources and compiled it into a PostgreSQL database for persistent and quick access.
- Made the data accessible in the form of a RESTful JSON API for easy parsing and analysis. Created using Roda, an open-source Ruby microframework for web applications.

SimCards *Spring 2014*

- Developed an Android app to allow users to play card games virtually over Bluetooth.
- Developed a flexible java framework to allow the rules of any card game to be represented.
- Finished in 36 hours at a hackathon at the University of Maryland.

RELATED COURSEWORK

- Object Oriented Programming and Data Structures using Java (CS 1331 and CS 1332). *Spring 2015 / Fall 2015*
- Introduction to Database Systems (CS 4400). *Spring 2016*
- Cloud Computing (ECE 4813) – Processing and analyzing large datasets using distributed computing systems like HADOOP and real-time data using Apache Spark. *Spring 2016*
- Discrete Mathematics and Algorithms (ECE 3020). *Fall 2015*
- Introduction to Programming in C and the MIPS assembly language (ECE 2035). *Fall 2014*