

NISHANT SHAH

330484 Georgia Tech Station, Atlanta, GA 30332 • 404-704-6325

nishantshah@gatech.edu

<http://github.com/nini1294> • www.linkedin.com/in/nishantshah94 • Non-U.S. Citizen (F-1 Visa)

EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY

Bachelors of Science in Computer Engineering

Atlanta, GA

Fall 2013 – Spring 2017 (expected)

GPA: 3.80

- Awards/Honors: Deans List

SKILLS

Programming Languages

- Experienced: Java, Ruby, SQL, JavaScript, HTML/CSS, and C/C++.
- Familiar: PHP, Python, Node.js, MATLAB, Rust, Go.

Technologies

- Android, UNIX/Linux, Ruby on Rails, Sinatra, ReactJS, Git, AWS, MongoDB, PostgreSQL, 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

Oracle - Summer Intern

Redwood City, CA

Software Engineering Intern – Fusion Applications Team

- Worked on supportability projects that allow customers to self-diagnose issues before needing to contact support.
- Created RTF and Excel Oracle BIP report templates as well as SQL queries to run validations and populate the reports.

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.

PERSONAL PROJECTS

CarML (<https://github.com/ece4813-movie-recommendation/Movie-Recommendation-Project>)

Spring 2016

- Built a machine learning based movie recommendation system as the final project for ECE 4813 (Cloud Computing).
- Used the MovieLens and IMDb datasets to compare recommendations using the Singular Value Decomposition (SVD) and Alternating Least Squares (ALS) machine learning algorithms.

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 government 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, a 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