

Vishnu S. Rajeevan

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EDUCATION	<p>Bachelor of Science: Computer Science Georgia Institute of Technology, Atlanta, GA Expected Graduation: May 2013 Concentration: Systems/Architecture and InfoInternetworks Classes: Objects and Design, Database Systems, Emerging Database Technologies, Organization and Programming, Systems and Networks, Software Engineering</p>
SKILLS	<p>Languages & Software: Java, SQL, NoSQL (MongoDB, CouchDB, & Redis), C, Android, Python, Application Planing/Design, Database Design & Programming, Git, Svn, L^AT_EX, Arduino, NodeJS Operating Systems: GNU/Linux (Debian and Arch), Windows, OSX. Hardware: Can build and maintain desktop systems running Windows or Linux. Basic prototyping and use of the Arduino platform.</p>
PROJECTS	<p>Roaming Recruiter (<i>CareerBuilder Hackathon: 1st Place</i>)</p> <ul style="list-style-type: none">• Position: Developer, UX Designer• Created an Android application using CareerBuilder's API to return jobs near the user's location, written in one weekend.• Used MongoDB, ActionBarSherlock and Google Android 4.1.2. <p>JARVIS: HTML5 Media Player Front-End (<i>CS3300: Software Engineering</i>)</p> <ul style="list-style-type: none">• Position: Project Lead• Developed a web application, in an Agile development environment, designed to connect to a RESTful server and stream music, videos and pictures to the front-end user.• Developed in HTML5, CSS3, Javascript and WebSQL <p>Perfect Personal Payment System (3PS) (<i>Android Appathon Project</i>)</p> <ul style="list-style-type: none">• Position: Developer• Developed a mobile payment system for the Android OS. System utilizes uniquely generated QR codes for payment.• Utilized Android 2.3 API for phone application and PHP/SQL for the server. <p>GTBay (<i>CS4400: Database Systems</i>)</p> <ul style="list-style-type: none">• Position: Development Manager• Organized development of the project and led the implementation of the project architecture after designing the ER diagram and relational schema for the database.• Utilized Java, JDBC, and SQL <p>Medical Administration Application (<i>CS2340: Objects and Design</i>)</p> <ul style="list-style-type: none">• Position: Development Manager• Organized development of the application. Also designed and developed the relational database using SQL.• Written in Java, JDBC, and SQL utilizing Agile Development techniques.• Product: Cross-platform application for managing patients in a healthcare environment.
EXPERIENCE	<p>Undergraduate Researcher CS 4699 Spring 2012 Supervisor: Dr. Shamkant B. Navathe</p> <ul style="list-style-type: none">• Developed a script to allow insertion and management of various NoSQL and SQL DBMS systems from a single point.• Began benchmark testing utilizing this script to compare NoSQL performance to SQL performance. <p>RedPrairie: Support Specialist Intern Summer 2011</p> <ul style="list-style-type: none">• Provide support to corporate clients for the company's products.• Extract, organize and modify data in the company's databases using Microsoft SQL and Excel. <p>Georgia Tech Student Center Audio Visual Technician 2011-Current</p> <ul style="list-style-type: none">• Provide customer support and Audio/Visual support to event holders in the GT Student Center