Shekhar Baggavalli Raju

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Computer engineering undergrad looking for a software engineering full time position starting June 2015. I am an international student at NUS from India.

Education

National University of Singapore
B.E. in Computer Engineering (Honors), Minor in Management   *expected Jun, 2015*
o   GPA : 4.53 / 5.00 - Dean's list (100% Merit scholarship)
o   Studied abroad in Spring - 2014 at the *University of Texas at Austin* – (Awarded University Honors)

Work Experience

Apple Inc.   *Cupertino, California*
Software engineering intern   *May, 2014 – Aug, 2014*

o   Worked in the Mac OS X team to independently build a cocoa app using Objective C and a web app using Ruby on Rails and JavaScript, to make beta OS X Yosemite builds more livable
o   First Runner up in the Apple summer intern idea contest

Total Oil (Energy)   *Singapore*
Project Management Intern   *May, 2013 – Aug, 2013*

o   Lead a successful proof of concept with leading Mobile Device Management providers
o   Built a resource management and KPI tracking system that reduced employee-reporting time

SlingPrint   *Singapore*
Software Co-Lead   *Jan, 2013 – Mar, 2013*

o   Built the web application for a startup that allows users to design and sell crowd-funded apparel
o   Implemented PayPal's API for secure payments and automated refunds (www.slingprint.com)

Western Digital   *Bangalore, India*
Software Engineering Intern   *May, 2012 – Jul, 2012*

o   Built an automated test harness to allow scheduling of hardware test scripts, reducing server idle time by 70%. The technology stack included Adobe Flex, Perl, IBM STAF and PostgreSQL

Projects

Arctic Drive   *Aug, 2012 - present*
o   Co-built a Dropbox like file synchronization desktop app using Java, PHP and MySQL that has 4000+ users, and has received a buyout offer from NUS. See www.shekbagg.com for more.

Taxi Demand Prediction   *Aug, 2014 - present*
o   Currently building a taxi demand prediction application that will help reduce taxi wait times in Singapore. The app will use historic and real-time data to build a demand heatmap of Singapore

Eventgag   *Jun, 2013 – Nov, 2013 (Shelved)*
o   Founded a startup that aimed to manage college events for tertiary education institutes in Singapore. The service was provided in the form of a web app and an iOS app and received $50K funding from ACE.

Languages & Coursework

Proficient : Java, Ruby on Rails | **Familiar** : Objective C, C++, SQL, JavaScript, CSS, PHP, Perl

Data Structures • Software Engineering Paradigms (returned as TA) • Real Time Operating Systems • Computer Architecture • Database Systems • Networks • Information Security and Privacy • Multi - core architecture