

# Tianyu Shi

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## EDUCATION

**Duke University**, Durham, NC | Bachelor of Science  
Biomedical Engineering, Computer Science (*Majors*); Visual Arts (*Minor*)

**May 2014**

## SKILLS & EXPERTISE

### Technical

Java, Android Test Automation (Robotium), Objective C, iOS, HTML/CSS, JavaScript (*proficient*)  
MATLAB, Python, C (*prior experience*)

### Other

Adobe Suite including Photoshop, Illustrator, After Effects, InDesign and Lightroom  
Final Cut Pro, Studio Art (Drawing/Painting), Graphic Design, Publicity & Marketing

## TECHNICAL EXPERIENCE

**LinkedIn**, Software Engineering Intern | *Mountain View, CA*

**Summer 2013**

- Worked with Team Scrooge in monetizing and creating revenue streams for LinkedIn on mobile devices
- Implemented Sponsored Jobs and several update templates for the user newsfeed on the Android client
- Automated quality assurance testing for Sponsored Jobs, Sponsored Updates, and Apply via LinkedIn
- Fixed iOS and android bugs from UI issues to incorrect metrics firings for sponsored content

**C-SURF**, Computer Science Intern | *Durham, NC*

**Summer 2012**

- Worked on an Akamai, Inc. project in developing a geolocation framework to indirectly determine the physical location of Internet nodes
- Identified areas in code that were sub-optimal and analyzed existing algorithms to write more efficient code for data on a large scale. Reduced the runtime of several methods and classes by anywhere from 10-50%

## HACKATHONS

**inTouch**, Group Hackathon Submission | *Durham, NC*

**November 2013**

- Personal CRM used to keep track of contacts in your inbox with the ability to archive send reminders
- Capabilities include fast search on the server and the addition of contacts through business card snapshots
- Built as native iOS app with windows Azure and node.js on the backend

**iTunes Universe**, Group Hackathon Submission | *Durham, NC*

**September 2013**

- Used iTunes catalog data provided by Apple Inc. to provide a revisualized interface for the iTunes Store
- Built a native iOS app using the latest SpriteKit SDK, AT&T API for speech recognition, and FireBase

## OTHER EXPERIENCE

**Asian Students Association (ASA)**, Executive Publicity Chair | *Durham, NC*

**2012-2013**

- Managed multi-tiered design and marketing campaigns for one of the largest organizations on campus, reaching 1000+ students.
- Promoted ASA branding by designing high-quality flyers, t-shirts, logos, and other products for 30+ events
- A small sample of my work is available at <http://bit.ly/16jl1GP> and <http://bit.ly/19PYGAZ>

**Inter-Greek Council (IGC)**, Director of Public Relations | *Durham, NC*

**2012-2013**

- A principle coordinator in chartering Lambda Phi Epsilon at UNC Chapel Hill
- Coordinated with campus groups to organize and promote large-scale events that attracted 300+ students
- Generated campus-wide awareness and interest in IGC through flyers, Facebook, and other mediums