

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, Objective C, C, Android, Android automated testing (Robotium), iOS (*proficient*)
MATLAB, HTML/CSS, JavaScript (*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