

Nick Tobey

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EDUCATION

University of North Carolina at Chapel Hill

Expected Grad: May 2016

Computer Science Major Intent

Colonel Robinson Scholar; Honors Program

GPA: 3.8

Notable Courses: Distributed Collaborative Systems,
Computer Security, Cryptography, Compilers

SKILLS

Experience with Android application development and Microsoft Visual Studio, Android Studio and Eclipse. Experience with implementing concurrency control and operation transformation in distributed systems.

WORK EXPERIENCE

3D Systems, Cary, North Carolina

2012–present

Intern. I work full-time during the summer and part-time during the school year. I design and implement the scripting API for the Geomagic Solutions line of 3D inspection tools.

National Institutes of Health

2012

I worked as an intern for Dr. Dmitri Zaykin, a biostatistician at the National Institutes of Health. I implemented a statistical model for estimating sample size in follow-up experiments and evaluated simulated data.

OTHER EXPERIENCE

Google Android Camp

2013

Intensive weeklong summer program at Googleplex on Android App Development. Participants took classes on development using Android Studio and met with several engineers and developers for lectures and talks. My team designed an app that organized photographs based on geotags and charted them on a map using the Google Maps API.

North Carolina School of Science and Mathematics

2011-2012

I was a Teacher's Assistant to Dr. John Morrison, the Computer Science instructor, and had a mentorship with Dr. Don Smith, a Computer Networking professor at the University of North Carolina at Chapel Hill. I designed a tool to coordinate multiple computers in a network and simulate cross-traffic to gauge throughput.

VOLUNTEER WORK

Kramden Institute, Inc.

2006 –2013

Non-profit organization that refurbishes, cleans, and updates used computers and donates those computers to students without computers in their homes. During the summer of 2011, I volunteered full-time.