

Nick Skelsey

914-815-1740 ■ mobile

■ web
■ email
■ github

nskelsey@gmail.com

Highlighted Experiences

2011

Arduino Laser Tag

Winter 2011

Designed, built, programmed and tested an infrared marker that used Bluetooth to communicate with an Android smartphone. This was the first code I ever wrote.

Do Stuff

Winter 2012

Conceived, pitched, and led the development of a location based Todo list Android app with the UVA Student Game developers. I learned a lot about leadership as the project slowly fell apart.

2012

UVA Software Dependability Group

Summer 2012

Sole developer of web-based analytics tool for understanding and predicting medical device failure data in the FDA's Manufacturer and User Facility Device Experience (MAUDE) Database. The web-tool was a javascript enabled django app which interacted with several MySQL databases.

Automated EC2 Bots

Fall 2012

Demonstrated exploitable vulnerabilities in two live web applications (change.org and uservoice.com) using Amazon's elastic cloud compute and Selenium, a web browser automation tool. UVA's student council stopped promoting their feedback system after I demoed this.

2013

Distil Networks

Summer 2013

Developed test environment and test-suite for Distil's automated web-robot detection. The environment consisted of several small ubuntu servers that mimicked third parties our servers interacted with. I also installed and automated some of the administration of a Hadoop cluster on EC2 using Ambari and python scripts.

Tom Tom Founders Festival

Winter 2014

Developed the Tom Tom Festival's CMS and website for the 3rd annual festival. I worked closely with event staff and graphic designers to get the site live in a two week period. tomtomfest.com

2014

Flask-ZeroKAuth

Present

Currently developing a login extension for Flask that uses a zero knowledge proof to authenticate users. This is just a class project that I am proud of.

Education

University of Virginia

School of Applied Sciences and Engineering
Class of 2015
B.S. in Computer Science
GPA: 3.36

Brunswick School

Attended from 2000 to 2012
SAT: CRIT 790
MATH 760
READ 660

References

Mike Freenor

Chief Scientist, Distil Networks
mike.freenor@distilnetworks.com
703-963-2049

abhi shelat

Associate Professor, UVA
abhi@virginia.edu