Prateek **Gianchandani**

IOS Developer - Ophio Technologies

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I am an iOS Developer/Security-Researcher. I live and work in New Delhi, India. I have 2+ years of experience in iOS development with 5 apps on the app store. I love blogging about my work on my personal website.

EDUCATION

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE, ROORKEE   **JULY 2007 TO JUNE 2011**

Bachelor of Technology in Electrical Engineering,
Major Project - Intrusion Detection using Reinforcement Learning (Awarded 9 out of 10)

EXPERIENCE AND PROJECTS

iOS Developer

OPHIO TECHNOLOGIES - NOIDA, UTTAR PRADESH   **JULY 2011 TO PRESENT**

Developing state-of-the-art iOS applications
- 5 iOS Applications on the App store, lead developer for 3/5.
- Did code reviews for many other apps, and contributed in development of many other internal libraries used within the company.
- Performed penetration test on these application using tools like Cycript, class-dump-z, gdb
- One of the apps made it to the Featured section of the app store.

Freelance writer for Infosec articles

INFOSEC INSTITUTE   **OCTOBER 2011 TO PRESENT**

Wrote various articles in various domains related to information security such as Web Application Secutity, iOS Application security, Penetration testing etc.
- One of the articles was mentioned in The Register - http://www.theregister.co.uk/2012/02/16/ghost_domains_dns_vuln/
- Complete list of articles: http://resources.infosecinstitute.com/author/prateek/

Security Researcher Intern

UNIVERSITY OF TEXAS AT ARLINGTON, ARLINGTON, TX, USA   **MAY 2010 TO AUGUST 2010**

Studied and carried out defenses against timing analysis attacks
- Performed an analysis to study which defense worked the best under different circumstances
- All experiments performed on Deterlab using more than 100 hosts at a time.
- Advisor: Dr Matthew Wright https://www.uta.edu/ra/real/editprofile.php?pid=215&onlyview=1

Remote Security Researcher Intern

BONSAI INFORMATION SECURITY - BUENOS AIRES   **MAY 2010 TO JULY 2010**

Developed a vulnerable virutal machine running on Ubuntu 10.04 server with 18 different open source web applications running
- Modified the source code of these 18 applications to insert different kinds of web application vulnerabilities, with focus on OWASP top 10 vulnerabilities.

DAMN VULNERABLE IOS APP
(www.damnvulnerableiosapp.com)   **JANUARY 2014 TO PRESENT**

- Created a vulnerable application to teach mobile developers the basics of mobile application security
- Project was included in OWASP https://www.owasp.org/index.php/OWASP_Mobile_Security_Project
- Awarded Security App of the week by Softpedia

LINKS

GitHub
Twitter
LinkedIn

SKILLS

GIT/Github
iOS Development
HTTP Rest/JSON APIs
Security Auditing
Penetration Testing
Debugging
Reverse Engineering
Web Development
CMS
Octopress, Wordpress
Parse, Restkit

TOOLS

Xcode
Git
GDB
Cycript
Nmap
otool
Backtrack (Linux)

LANGUAGES

Objective-C
Python, C/C++
Html,Css,Javascript,Php,
Xml,Jquery

IN THE NEWS

The Register
Softpedia
International Digital-Times
The Hacker News

ET CETERA

I love climbing mountains, highest altitude reached: 6153m