CHRISANTHA J. PERERA

904.228.7712 ⋄ chrisantha@alum.mit.edu

636 Andover Street ⋄ San Francisco, CA 94110

EXPERIENCE

Oracle   November 2014 – January 2016
Software/OS Engineer   *Santa Clara, CA*

Updated sections of the legacy Solaris codebase on the Solaris Cryptography and Key Management team. Improved Solaris Compliance auditing of system security properties, working with configurable security policies and conforming to standards listed in SCAP. Led project to integrate Solaris Compliance with a dashboard product from Solaris Analytics, another Oracle group.

MIT Lincoln Laboratory   September 2012 – December 2013
Research Assistant, Summer Intern   *Lexington, MA*

Designed and implemented security infrastructures pertaining to VM isolation and privilege separation. Cleared for Secret information and granted Collateral Secret access NACLC completed in Sept. 2012.

Oracle   June 2012 – August 2012
Summer Intern   *Redwood City, CA*

Developed a webapp project using the AGILE model as part of Oracle's Fusion Applications Platform Engineering Team. Conducted installation testing of Oracle Identity Management stack. Recorded issues with the installation process, helping the team evaluate it from the perspective of an outside admin.

Other experience: Nanotech Research, Tutoring, Startup Experience, Volunteering

EDUCATION

Massachusetts Institute of Technology   September 2012 – April 2014 (on hold)
M.Eng. Candidate in Electrical Engineering & Computer Science   *Cambridge, MA*
Relevant Courses: Research in EECS; Database Systems; Computer and Network Security
Overall GPA: 4.0/5.0
Note: master's degree put on hold for job at Oracle.

Massachusetts Institute of Technology   September 2008 – June 2012
B.S. in Electrical Engineering & Computer Science   *Cambridge, MA*
Relevant Courses: UI Design and Implementation; Computer System Engineering; Artificial Intelligence; Intro to Algorithms; Design and Analysis of Algorithms; Elements of Software Construction
Overall GPA: 4.2/5.0   *additional coursework available*

TECHNOLOGIES AND LANGUAGES

Languages & Protocols	Python, Java, HTML/css/js, XML, JSON, SCAP and OpenSCAP
Tools & Misc	Vim, Bash, LaTeX, jQuery, d3.js, Eclipse
Operating Systems	Solaris, Linux (Ubuntu and SciLinux, RHEL), Mac OS

PROJECTS AND PUBLICATIONS

Third author on joint paper published in Nano Letters, 2010:
   Anomalously Large Reactivity of Single Graphene Layers and Edges
App Permissions, Isolation, and Sandboxing (Class Project in Computer Security)
Private Matching and University Admissions (Class Project in Computer and Network Security)
Security CTFs Reverse Engineering, Web and Binary Exploitation, and Mobile Technology (Android)