

# SAMVID DHARANIKOTA

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OBJECTIVE: Seeking a summer internship in the IT industry preferably in the Security domain, where I can put my theoretical knowledge to practical use and attain field exposure.

EDUCATION: Bachelor of Technology, Computer Engineering  
National Institute of Technology Karnataka, Suratkal  
Expected to graduate May 2019  
CGPA: 8.72  
  
Grade 12 (CBSE): Abu Dhabi Indian School, Abu Dhabi, UAE. Secured 95.4% in Board Examination  
Grade 10 (CBSE): Sherwood Academy, Abu Dhabi, UAE. Secured CGPA of 10.00

SKILLS: ♦ **Languages:** C, C++, Python, Bash Scripting  
♦ **Tools:** Git, comfortable with Linux environment  
♦ **Web Development:** HTML, CSS, JavaScript, Bootstrap, JQuery

COURSES TAKEN: *College:* Engineering Mathematics I, II and III, Data Structures and Algorithms, Computer Organization and Architecture, Theory of Computation, Design of Digital Systems, Design and Analysis of Algorithms, Data Communications, Operating Systems, Object-Oriented Programming, Software Engineering  
*Online:* CompTIA Security+ on Cybrary.it, Cryptography I by Stanford University  
*Workshops:* 2-day workshop on Ethical Hacking by Mr. Sainath Volam. (Basic networking concepts, Kali Linux tools, common attacks, basic reverse engineering concepts, information gathering, CVEs, etc, were discussed)

INTERESTED FIELDS: Cyber Security (have a basic idea about common software attacks such as Buffer Overflows and SQL Injection, and network attacks such as MITM attacks, etc.), Computer Networking

PROJECTS *February 2017 - Current:*  
**OS Simulator:** Currently building an OS simulator, simulating an OS' tasks like process scheduling, memory management, etc, as a part of our course-work.  
*March 2017 - Current:*  
**Personal Website:** Built my personal website from scratch using HTML5, CSS3, Bootstrap and JQuery.  
*March 2017 - Current:*  
**ARP Poisoning: Detection and Prevention:** Currently working on implementing and improving upon a research paper - **Enhanced ARP: Preventing ARP Poisoning-Based Man-in-the-Middle Attacks.**

EXTRA CURRICULARS: Member of the college Chess Team: Played several tournaments representing the college.

INTERESTS/HOBBIES: Playing Chess (won a competition by the Play Magnus organization, and got a chance to play the current World Champion Magnus Carlsen in New York), listening to music, playing the Guitar, reading