Samvid Dharanikota

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EDUCATION

Bachelor of Technology, Computer Engineering *(Expected to graduate May 2019)*
National Institute of Technology Karnataka, Surathkal
CGPA: 8.65

Grade 12 (CBSE): Abu Dhabi Indian School, Abu Dhabi, UAE. Secured 95.4% in Board Examination *March 2015*
Grade 10 (CBSE): Sherwood Academy, Abu Dhabi, UAE. Secured CGPA of 10.00/10.00 *March 2013*

SKILLS

◇ **Languages**: C, C++, Python

◇ **Tools**:   Git, Linux

◇ **Web Development**: MySQL, HTML5, CSS3, JavaScript, Bootstrap, jQuery

COURSES TAKEN

College:

Engineering Mathematics	Data Structures and Algorithms	Computer Architecture
Theory of Computation	Design of Digital Systems	Design and Analysis of Algorithms
Data Communications	Operating Systems	Object-Oriented Programming
Software Engineering	Computer Networks	Number Theory and Cryptography

Online: Bitcoin and Cryptocurrency Technologies by Princeton University on coursera.org

EXPERIENCE

Software Developer Intern, Mindgate Solutions, Mumbai, India *May 2017 - June 2017*

Developed a banking-based web application to facilitate the bank's merchants to raise any complaints or issues regarding their services and provide an interface for the admin team to view and respond to the complaints.

PROJECTS

OS Simulator *February 2017 - April 2017*

Built a webapp to simulate an OS' tasks such as process scheduling, memory management, etc, as a part of our course-work, in a team. Worked on memory management.

Personal Website *March 2017 - current*

Built my personal website from scratch using HTML5, CSS3, Bootstrap and jQuery.

ARP Poisioning: Detection and Prevention *March 2017 - April 2017*

Simulated an ARP poisioning attack on a small local network of 3 devices using Ettercap and detected the attack using bash and python scripts, and refused connections if detected.

Simulating Cryptocurrencies *August 2017 - current*

Currently trying to implement a blockchain system and simulate a simple cryptocurrency.

Editor *September 2017 - current*

Editor is a simple word-processing application built on the Electron.js framework. Supports most text editing features and open and save as functionalities.

ACHIEVEMENTS/ACTIVITIES

Vice-captain of the NITK Chess Team.
Scored a perfect 2400/2400 in the SAT Subject Tests in the first attempt in October 2014.
Executive member of Association for Computing Machinery (ACM) NITK Chapter.
Received a letter of appreciation from Smriti Irani, the then HRD Minister of India, for my excellent performance in grade 12 board examination.

INTERESTS/HOBBIES

Playing Chess (won a competition held by the Play Magnus organization, and got a chance to play with the current World Champion Magnus Carlsen in New York), listening to music, playing the Guitar, reading and drawing.