Shivam Swarnkar

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EDUCATION

New York University, Tandon (Poly) School of Engineering, New York, NY
Bachelor of Science, 2018   GPA: 3.94 (Dean's List Candidate)

Major: Computer Science and Engineering   Relevant Courses: Data Structures and Algorithms,
Minor: Mechanical Engineering   Discrete Math, Computer Architecture and Organization, Web
                                                                     Development with Java, OOP with C++, Intro to Python,
                                                                     Intro to Computer Science, Calculus I and II, Physics I & II

PROFESSIONAL EXPERIENCE

Teaching Assistant, CSE department at NYU, New York, NY   [09/15 – 12/15]

- Conduct Recitations and design homeworks
- Prepare exam questions and help design the curriculum

Summer Internship at All India Society for Electronics and Computer Technology   [05/15 - 08/15]

- Taught object oriented programing using C++ to college level students
- Conducted conferences to promote the Indian Government's initiative Digital India

Computer Teacher at All India Society for Electronics and Computer Technology   [2013-2014]

- Taught procedural problem solving and programing using python to high school level students

Volunteer Work   [2011 -2014]

- Worked as a Mentor at Vivekananda Vikalang Ashram for disabled children
- Taught basic computer science topics to children from rural areas

PROJECTS

Last-Run   Project Intelligence
A team project to design a 2-D Christmas   A personal project to design an algorithm which can
theme based game using python for iOS and   convert natural language into logical language.
android.

Our School Diary
A team project to design an interactive website to store and organize
events form school life.

TECHNICAL SKILLS

Programming & Scripting Languages: C++, Python, Java, JavaScript
OS: Windows, Ubuntu
Familiar with: HTML, CSS, OSX, Unity

ACHIEVEMENTS, AWARDS & LEADERSHIP ACTIVITIES

- Founder of the Team Afro Dog which works on various interesting projects   [2015]
- Student Union President   [2011 & 2013]
- Winner of Shri Ganesh H.S. Cricket Cup   [2012]
- Class President   [2003-2010]
- Represented my division at a State Level Science Fair   [2010]
- School's Speaker of the year   [2009]
- Ranked third in division for chess competition   [2009]