

NAKUL PATHAK

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EDUCATION

- **University of Waterloo** Waterloo, Ontario, Canada.
Bachelor of Software Engineering Honours Co-op, 2014-2019
- **DPS RK Puram** New Delhi, India
Graduated with 96% average in Physics, Chemistry, Mathematics and Computer Science(99%)

STANDARDIZED TESTS

- SAT Score- 2360/2400 *December 2013*
 - Math- 790/800
 - Critical Reading- 770/800
 - Writing- 800/800
- TOEFL- 113/120 *December 2013*
- SAT Math Level II - 780/800 *January 2014*

TECHNICAL SKILLS

- Learned **HTML/CSS, JavaScript, AngularJS, jQuery, jQuery UI** through online courses (Codecademy, CodeSchool, Youtube Tutorials).
- 3 years experience coding in **C++**
- Knowledge of **MySQL** database.
- Learned **Python** through online courses
- Currently learning **Back-end web development with Python, Google App Engine** through Udacity Online Course

PROFESSIONAL SKILLS

- Extensive self-learner with inherent curious attitude and desire to learn
- Passion for problem solving
- Excellent communication and leadership skills developed through position as chief editor of school magazine for 2 years

PROJECTS AND WORK EXPERIENCE

- **Designed Online Portfolio** *June - July 2014*
Used self taught skills in web development to make personal website. Further strengthened web development skills through application of skills I learned.
- **Pick The Odd Image Out** *August 2014*
An image version of pick the odd one out made using AngularJS, JQuery, etc.
- **Feed Me!** *September 2014*
A web app which provides possible recipes you can make with the ingredients you list in a search by parsing the ingredients across an API from Yummly. Uses Django and Python.
- **Building blog from scratch** *Current*
Currently working on building blog using Python and Google App Engine from scratch and then integrating this with my website.
- **Web App for meeting UWaterloo students** *Future*
After current project, planning to build chat room based app which connects users from the same university randomly. University status checked by sending confirmation email to university ID entered by user.
- **SAT Tutor** *April - July 2014*
After securing 99th percentile scores in all sections of the SAT, I tutored students over the summer explaining and discussing concepts ranging from english to complex math problems.

CO-CURRICULAR ACTIVITIES

- **Engineering Ambassador, University of Waterloo** *September 2014- Current*
Keep up online presence for future students who can contact me for shadow days, general questions. Also, involved with various activities that Ambassador program holds.
- **Chief Editor, School Editorial Board** *March 2013- February 2014*
Edited and wrote articles for school magazine. In-charge of magazine layout, design, content and printing.
- **Youreka Adventure Camp Champion** *June 2012*
Awarded Youreka adventure camp champion award for excellent leadership and communication skills. Also awarded role model stamp. Participated in white water rafting, river crossing, cliff diving, etc.

VOLUNTEER WORK

- **Juhu Angels Welfare Association** *May 2013*
Removed more than 5 tonnes of litter from Juhu beach, Mumbai for a total of 80 Hours with the help of BMC trucks. Also campaigned to educate beach visitors against littering.
- **Savera NGO** *August 2012*
Created educational posters, made seating arrangements, registered student background profiles, filled medical history forms with the students families in order to help doctors at health checkup camps in 8 Delhi Government Schools on weekends in August, 2012.
- **ISS Facility Services** *June 2011*
Trained unemployed youth in order to help them gain employment through Basic English usage, hygiene, etiquettes and grooming at Yamuna par slums, East Delhi.