

NAKUL PATHAK

MKV 304 East, University of Waterloo, Waterloo, ON, Canada N2J 4Z2

(226) 868-8127

n4pathak@uwaterloo.ca

www.nakulpathak.com

EDUCATION

- **University of Waterloo, 1st Year(1A Term)** 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%)

TECHNICAL SKILLS

- Learned **HTML/CSS, JavaScript, AngularJS, jQuery, jQuery UI, LaTeX** through online courses (Codecademy, CodeSchool, Youtube Tutorials).
- 3 years experience coding in **C++**
- Proficient in **SQL, GQL** database queries.
- Learned **Python, Lua, Google App Engine** through Udacity Course and online tutorials.
- Currently learning **AJAX requests** through Udacity Online Course
- Experience with **Git, Github, Bash**. Used **Bind9** to set up DNS server for personal website. (Saved money by not using cloud hosting services)

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

- **Built blog from scratch** *Current*
Built a blog using Python and Google App Engine which utilizes HTTP Requests, Form Handling and GQL, and then integrated this with my website. Now, expanding this into a full-fledged blogging service with user authentication, password and cookie hashing
- **MyoRunner** *2nd November, 2014*
Won 2nd prize at EngHack by building a Temple-Run like browser based web game. Learned Lua scripting to program Myo for playing the game through gestures.
- **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. Built at Hack The North.
- **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.
- **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.

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*

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.
- **HH Internships/Co-op Group Creator and Admin** *November 2014*
Created a subgroup of Hackathon Hackers for students to matchup with startups/big companies/other students for internships as well as to help each other with academics, resumes, advice, etc.
- **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.