

NAKUL PATHAK

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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%)
- **Online Courses** The internet, WWW
Graduated with feeling excited and wanting to learn more
 - Codecademy
 - HTML & CSS, Javascript, JQuery, API Handling
<http://www.codecademy.com/nakulpathak3>
 - Udacity
 - Introduction To Web Development by Steve Hoffman
Google App Engine · HTTP Requests · Form Handling · Cookie & Password Hashing · APIs · Caching · Scaling Up
 - Web Performance Optimization
Critical Rendering Path · Avoiding Rendering blocking CSS · Asynchronous Javascript Usage
 - Introduction to AJAX
GET, POST Requests · Using JQuery to make AJAX Requests · APIs
 - CodeSchool
 - Discover DevTools (Chrome Developer Tools)

TECHNICAL SKILLS

- Languages: **C, C++, Python**
- Tools: **Google App Engine, Chrome Developer Tools, Git, Bash**
- Databases: **SQL**
- Used **Bind9** to set up DNS server for personal website. (Saved money by not using cloud hosting services)

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

- **HH Internships/Co-op Group Creator and Admin** *November 2014- Current*
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. Currently has 538 members.(UNHAPPY WITH THIS TOO)

- **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. (CHANGE THIS A BIT.)

- **Youreka Adventure Camp Champion**

June 2012

Awarded Youreka Adventure Camp Champion award and Role Model Stamp for excellent leadership and communication skills. Participated in white water rafting, river crossing, cliff diving, etc.