Rohan Kumar

1B - Computer Engineering
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/RohanK99

SUMMARY

- One and a half years of experience in development. Strong understanding in data structures and fundamentals of programming. Passion and dedication towards innovation.

- Extensive experience in leadership opportunities stemming from highschool. Experience working with large groups, strong communication skills, and interpersonal skills.

SOFTWARE SKILLS

proficient
- C/C++
- Python
- HTML, CSS, Jade
- Node/Express
- Flask

prior experience
- Javascript
- SQL
- MongoDB
- Git
- MS Office

AWARDS & CERTIFICATIONS

- Schulich Leaders Nominee

- CS50 by *Harvard University*

- Introduction to Computer Science and Programming Using Python by *MIT*

EXTRACURRICULAR

- UW Nanorobotics | Waterloo
  Current member of Electrowetted Liquid Actuation subteam. Responsible for designing circuits for the robot.

- Waterloo Engineering Endowment Fund Representative

PROJECTS

- **Hack Western | London, ON**
  SPONSOR AWARD - BEST USE OF SENTIMENT ANALYSIS
  November 17 - 19

  Social Media marketing tool that recommends what users should add to their image to receive a more positive response from viewers. Built with Python.
  https://devpost.com/software/redditsentimenter

- **Hack the North | Waterloo, ON**
  ATTENDEE
  September 15 - 17

  Web platform that crowdsources the return of bottles to the bottle depot. App built on using CockroachDB, Python, Flask, Jinja2, Javascript, Firebase and Google Maps.
  https://devpost.com/software/beerkart

EDUCATION

- **University of Waterloo | Bachelor's Degree**
  CANDIDATE FOR A BACHELOR OF COMPUTER ENGINEERING
  2022

- **Rundle College High School | High School Diploma**
  GRADUATED HONOURS STUDENT 95+ AVERAGE
  2017

EXPERIENCE

- **Critical Mass | Calgary**
  USER EXPERIENCE ARCHITECT INTERN
  Aug 2017 - Sept 2017

  Responsible for designing and mapping a working UI and UX interface for the National Music Centre in Calgary. Worked closely with mentors and 4 other interns to build flows, user-personas, ecosystems and a live prototype using proto.io

- **TekTorch | Australia**
  JUNIOR DEVELOPER
  Jul 2017 - Sept 2017

  Worked remotely, to provide support in backend web development. Developed a static website for the launch of Mathive on the app store. (http://mathive.com.au/) Provided backend support building the framework and api, for a blog application using Node, Express, and MongoDB.

- **Project Pulse Calgary | Calgary**
  CO-FOUNDER AND CO-PRESIDENT
  Aug 2015 - June 2017

  Co-Founder and Co-President of Project Pulse Calgary. A conference aimed to eliminate misconceptions students may have about health sciences. Conference was well accredited and has expanded into Edmonton.

- **University of Calgary | Calgary**
  HYRS RESEARCH ASSISTANT
  Jul 2016 - Aug 2016

  One of 22 participants out of 163 applicants to take part in the Heritage Youth Researcher Summer Program. Performed cutting edge medical research to find a correlation between cardiac diseases and their respective medicines.

- **AltaGas | Calgary**
  COMMERICAL EXTRACTION INTERN
  Jul 2015 - Aug 2015

  Worked with business analyst professionals as well as engineers to evaluate and predict trends in commodity prices over time. Gained an advanced understanding of excel, visual basic, and macros. Gained experience using a bloomberg terminal as well as day to day operations in a corporate environment.