SHIVAM AJMERA

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EDUCATION

University of Waterloo
2A, Candidate for Bachelor of Computer Science, 2024
Current:
- Dean's Honours List
- GPA: 3.94/4.00
- Percentage: 89%

TECHNICAL SKILLS

LANGUAGES: C++, Objective C, Python, HTML5/CSS3, JavaScript, Racket, SQL
TECHNOLOGIES: OpenCV, Dlib, Bootstrap, jQuery, Express.js, Git, EJS, Node.JS, ReactJS, MongoDB, Mongoose

SOFT SKILLS

Leadership
Member of the DPSD Student Council for 3 consecutive years.

Teamwork & Time Management
Active volunteer and achievements in various hackathons.

Creativity
Various awards for Photography and Film-Making.

INTERESTS

✍ Machine Learning

♻ Renewable Energy

📸 Photography / Film-Making

⚽ Football

PROJECTS

Connec-ted | Node.js, Twilio, Webhook
- Won the **Peoples' Choice Award** at WinHacks with 400+ participants.
- Developed a bot that flawlessly interfaces SMS sent from a client and passes on desired directions/news progressively.

Who's Coffin | Spark AR Studio
- Won the **Facebook Spark AR challenge** at TOHacks 2020 with 600+ participants.
- Developed and published an **Augmented Reality** filter for Facebook and Instagram.

Ardor | Google Cloud Vision, Python, Django
- Finished **Top 10** out of 100+ teams and 600+ participants at Hack The Valley 4.
- Developed a web application using **facial recognition** and **sentiment analysis** along with a predictive algorithm that generates entertainment recommendations based on the crowd's emotions.

Coro-Nah | Darknet, OpenCV, Dlib, Python, MongoDB
- Developed the **World's First and Only Visual Cough Detector** by training custom datasets through the open-source deep Neural Network, darknet.
- Through consensual facial recognition, the distinguished user's travel history is stored in a database to determine risk levels.

Num2Words | C++
- Project rated **"Outstanding"** by TechnoSchool for the Techno Talent Fest 2018.
- Implemented **Object Oriented Programming** to build a number to words converter accepting up to 306 digits, with an execution time of 0.000002 seconds.

ACADEMIC AWARDS

NYU Abu Dhabi   **CSAW '17 Finalist**
- Won **7th** place in UAE in High School **Cyber Security Forensics** Competition preliminary round.
- Tools: *Kali Linux, Web Scraping, Wireshark*

Delhi Private School Dubai   **Platinum Medal Award**
- Achieving among the **highest grades** for 8 consecutive years (2011 - 2019)

Australian Council for Education and Research   **Certificate of Higher Distinction**
- In Mathematics, Science and English ACER exams

University of Waterloo   **President's Scholarship of Distinction**
- Entrance Scholarship for **>95%** admission average