

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: 89.00%

TECHNICAL SKILLS

LANGUAGES: C++, C, Python,
HTML5/CSS3, JavaScript,
Racket, SQL

TECHNOLOGIES: Node.js,
ReactJS, jQuery, Express.js, EJS,
OpenCV, Dlib, Bootstrap, Git,
JIRA, Jenkins, MongoDB,
Visual Studio, REST

SOFT SKILLS

Leadership

Director 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.

AWARDS

University of Waterloo
President's Scholarship of Distinction

**Australian Council for
Education and Research**
High Distinction in Mathematics,
Science and English ACER exams

NYU Engineering
Cyber Security Forensics Competition
UAE finalist | Kali Linux, Web Scraping,
Wireshark.

WORK EXPERIENCE

Microsoft Power BI & Power Apps User Group Data Analyst Intern · April 2020

- Integrated **Python** scripts into Power BI for data forecasting, to predict whether a user selects an advertisement or not, through Logistic Regression using **Scikit-learn**, **Pandas** and **Numpy**, with **97.3%** accuracy.
- Utilized **Power Query** on datasets for data cleansing, data mining and data modelling.
- Designed Power BI data visualization using **Matplotlib**, **Seaborn**, and inbuilt **AI** visualization tools.

PROJECTS

Connec-ted | Node.js, Twilio

- Developed a bot that interfaces SMS sent from a client and **provides desired directions/news** progressively, **without any internet access**.
- Won the **People's Choice Award** at Winhacks, University of Windsor with 400+ participants.

Who's Coffin | Spark AR Studio

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

Coro-Nah | Darknet, OpenCV, Dlib, Python

- Developed the **World's First and Only Visual Cough Detector**.
- Built by training custom datasets through the **open-source Deep Neural Network**, darknet.

Ardor | Google Cloud Vision, Python, Django

- 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.
- Finished **Top 10** out of 100+ teams and 600+ participants at Hack The Valley 4, University of Toronto.

Num2Words | C++

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