Victor Chen Physiology and Computer Science Student

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Education

BSc Physiology and Computer Science, McGill University 09/2020 – 04/2024 | Montréal, Canada
4.0/4.0 GPA, Dean's Honour List
Extracurriculars:
- Writer at McGill Daily
- McGill Artificial Intelligence Society
- Student's Society of McGill University Mental Health Awareness Committee

Skills

Python (*Pandas, NumPy, SkLearn, Seaborn, Keras*) | **HTML5/CSS/JavaScript** | **Java** | **SQL**

Agile Frameworks | **Microsoft Office** | **Amazon Web Services** | **Artificial Intelligence**

Professional Experience

Data Science Intern, Korbit Technologies 06/2020 – Present | Montréal, Canada
- Developed data science content with for the Korbit platform using Excel and advanced Python.
- Created natural language processing system using spaCy allowing for the classification of user submissions with 87% accuracy.
- Identified anomalies with data in cloud-scale applications that was causing 20% drop in user completion rates.
- Communicated with data science team members and other teams, such as the software engineering team, to solve interdisciplinary issues.
- Worked with software and productivity frameworks and applications such as AWS, Jira, Slack, Git, and Jupyter Notebooks.

High School Tutor, Calgary Bridge Foundation for Youth 02/2020 – 06/2021 | Calgary, Canada
- Tutored and counselled advanced high school STEM subjects in one-on-one and group scenarios with over 20 attendants
- Increased grades by up to 20% by exerting thorough knowledge and comprehension of subject to provide detailed and eloquent explanations

Projects

COVID 19 X-Ray Prediction
Created computer vision web application using Google-developed TensorFlow/Keras and Flask, allowing for the prediction of COVID-19 presence in an x-ray scan with 87% accuracy. Performed data engineering, analysis, and visualization on big data using advanced Python libraries.

Sportify Computer Vision Project
Built a computer vision web application using OpenCV and Flask to detect and classify athletic form while using linear regression to optimize angles with 80% accuracy when compared to Olympic-level athletes.

Personal Spending Analysis & Visualization
Python analysis and visualization of annual bank statements using libraries such as Pandas, NumPy, Matplotlib, and Seaborn. Data was bucketed and engineered before being graphed for several metrics.

Certificates

Microsoft Certified: Azure Data Fundamentals
DP-900

Microsoft Certified: Azure AI Fundamentals
AI-900