

Oliver K. Pan

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TECHNICAL SKILLS

Programming Languages : Python, SQL, Java, R, C, PHP, HTML, CSS, JavaScript (NodeJS, ReactJS)

Data Science: pandas, numpy, scikit-learn, seaborn, matplotlib, Jupyter Notebook

Software Tools: Microsoft Excel, Tableau, Git, Github, AWS, Visual Studio

EDUCATION

BBA Management & Information Technology Specialist, University of Toronto

2018-2023

- Minor in Computer Science
- **Relevant Coursework:** Computer Science (Python), Quantitative Methods, Linear Algebra, Calculus (Physical Sciences and Management), Price Theory, Corporate Finance

WORK EXPERIENCE

Incoming Data Management Intern, Ontario Teachers' Pension Plan

Fall 2020

- Participates in data exception process, using applications such as Bloomberg, Datascope, Oracle EDQ, and SQL
- Creates and manages scripts, accessing large databases utilizing Python, implementing reports using pandas
- Applies controls, checks, and balances using ETL, generating team metrics

Data Scientist Intern, Royal Canin Canada

Summer 2020

- Conducted advanced statistical analyses of structured and unstructured datasets using a variety of modelling techniques
- Integrated and mined large datasets from disparate sources (internal and external; numerical and non-numerical)
- Developed, validated and deployed analytical models that drove business value using a variety of Python libraries

Data Analyst Intern, CardSwap Inc.

Fall 2019

- Increased transaction speed by 25%, successfully identifying and analyzing the data of over 500+ customers, which resulted in business transactions of over \$3000-\$4000 daily
- Produced small-sized datasets with ~150 entries, utilizing Excel for company research and development, assisting with external relations and corporate development
- Compiled code snippets using PHP to promote holiday deals and increase customer product purchases

Undergraduate Teaching Assistant, University of Toronto

Fall 2019 - Present

- Corrected and assessed 60+ assignments and 70+ exams partnering with a team of eight teaching assistants to support a course (MGTA05 - Foundations of Business Management) with a class size of 300+ students

PROJECTS

MediLA (LA Hacks), ReactJS, HTML, CSS

- Constructed functional website using ReactJS that allows for users to locate nearby medical resources amid the COVID-19 pandemic. Lead and managed team throughout hackathon, communicating with backend team to deploy application.

Savour (DeltaHacks VI), HTML/CSS/JS/Flutter/Dart

- Spearheaded a hackathon project by creating a mobile app that assists with financial planning and budgeting, which utilized Flutter to create mobile application, paired with HTML/CSS for website integration.

Fantasy Hockey League Statistical Model, Python

- Utilizing heat maps (Seaborn) and data visualization (Numpy/Matplotlib), the model would analyze trends in fantasy hockey, given category scores and player statistics. Further implemented scikit-learn, testing and training data.

AWARDS & CERTIFICATIONS

DECA International Finalist - Competed in Atlanta against over 2000 students in a stock pitch competition

MESA Associate of the Year - Awarded for outstanding effort during the 18/19 Year, organizing an event with 300+ guests

OBEA Leadership Award - Placed 2nd in the Ontario Business Educators Association Leadership Competition

LIVE Competition - Achieved top recognition by KPMG in the financial analysis portion

University of Toronto Entrance Scholarship - Awarded \$1,500 for outstanding high school academics