Oliver K. Pan

Ambitious Business & Computer Science Student

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SKILLS

Programming Languages
- Python, SQL, HTML, CSS, Java, ReactJS

Data Analytics
- pandas, matplotlib, seaborn, numpy, Jupyter Notebook

Machine Learning
- TensorFlow, scikit-learn

Software Tools
- Microsoft Excel, Tableau, Git, Atom, AWS, Visual Studio

Methodologies
- Agile, Waterfall

AWARDS

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 2018-2019 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

INTERESTS

- 🖥 **Hackathons**
- ✈ **Travelling**
- 🏒 **Hockey**
- 📊 **Machine Learning**
- 📷 **Videography**

EDUCATION

BBA Management, Information Technology Specialist, *University of Toronto* 2018-2022
- **Minor in Computer Science**
- **Quantitative Coursework:** Calculus for Management (I & II), Calculus for Physical Sciences (II), Linear Algebra (I), Computer Science (I), Quantitative Methods in Economics (Statistics I), Corporate Finance, Price Theory

WORK EXPERIENCE

Data Management Operations Intern, *Ontario Teachers' Pension Plan* 09/20 - 12/20
- 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 Analyst Intern, *CardSwap Inc.* 09/19 - 12/19
- 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* 09/19 - 12/19
- 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

Savour (DeltaHacks VI), HTML, CSS, JS, 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, and user interface design using **Invision**

Movie Recommender, Python
- Implemented a **collaborative filtering algorithm**, searching through a dataset with 2000+ movies, and recommending 5 movies for users utilizing **machine learning**, based on user ratings and movie preferences

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.

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.

CO-CURRICULAR EXPERIENCE

Business Analyst, *Developer Student Club* 11/19 - Present
- Maintains connections between 30+ developers and external relations, creating reports and communicating effectively with clients to ensure that club operations run smoothly