

Professional Summary

Aspiring product manager who is committed to understanding, defining, and solving users' problems through empathy and data analysis. With the ability to eloquently communicate with stakeholders and effectively resolve conflicts between technical and business problems, I enjoy collaborating with cross functional teams to deliver a valuable, usable, feasible, and viable product. I am an innovative problem solver with strong technical, strategic, and analytical skills along with a never-ending desire to grow and excel.

Technical Skill & Technology

Data Science: Python (pandas, numpy, sklearn, tensorflow, Matplotlib), R, SQL

Machine Learning: Supervised Learning (Naïve Bayes Classifier, Logistic Regression, Linear Regression, SVM, KNN, Neuron Network (CNN, LSTM)), Unsupervised Learning (K-means clustering, Hierarchical Clustering), Deep Learning

Web development: JavaScript (React), HTML, CSS, R, Bootstrap, **Object-Oriented Programming**, WordPress Tools: **Figma**, Trello, **Miro**, Google Search Console, Google Analytics.

Experience

June 2022 - Current

Astren - Product Manager Intern

- Led cross-functional teams to improve **UX/UI**. Designed and conducted usability testing for official website.
- Improved new intern onboarding time by 70% with roadmaps, Kanban board, and Vision to Values.
- Developed product requirement documents and roadmaps.
- Led engineering team to **develop and validate MVP** and executed **go-to-market** strategy.

Key Achievement

- Recovered official website from Japanese Keyword Hack, created security measure to prevent future hacks.
- Improved SEO and average position of search result by 80%.

March 2022 - May 2022

Cerevel Therapeutics - XN Program Software Engineer / Team Lead

- Led a team of five students to create an internal data analytical web application for a S&P 500 pharmaceutical company.
- Prioritized tasks, established **roadmap**, and delegated tasks in the **application development** process which ensured product is delivered before deadline.
- Created key success metrics by analyzing **quantitative data**, such as deviation rate and dropout rate, and evaluating clinical trial site performance from CTMS dataset.
- Communicated with stakeholders and program supervisor to report progress and acquire feedbacks for adjustments.

Key Achievement

- Launched an initial application integrated with the current infrastructure to improve efficiency in clinical trial site selection within 2 months.

October 2018 - February 2019

Verdo Capital - Private Equity Analyst Intern

- Identified potential investment opportunities from the targeted market segment of 5 to 100 million dollars.
- Analyzed companies by reviewing investment memos and **financial statements** to create **forecasting model**.
- Coordinated and communicated with directors with investment bankers to understand stakeholders' needs and concerns for later acquisition process.

Key Achievement

- Performed **market analysis** and comprehensive research on potential industries for investments valued at over \$20M.

Education

Northeastern University (Exp. Dec 2022) - *M.S. Computer Science* | MSCS Align Program | 3.87 GPA

Arizona State University (2017) – *B.S. Finance, Marketing* | Summa Cum Laude | 3.86 GPA

York University (2018) - *Certificate in Advanced Data Science and Predictive Analytics*

Graduated Coursework

Machine Learning, Natural Language Processing, Data Mining, **Android App Development**, **Web Development**, **Competitive Marketing Strategy**, **Marketing Research**, Financial Cases and **Modeling**, Security Analysis and Portfolio Management, Advanced Managerial Finance, negotiation.

Projects

PollMaster – React Website

- A **full-stack website** that allows users to create and share a poll with other participants.
- Conducted user testing and interviews and analyzed **user feedback** to create a **roadmap**.
- Improved usability via **user testing**, **UI/UX** design from **zero to one**.

Trashare – Mongo DB, Node.js, Express, Google Map API

- A website that allows users to share unwanted items to reduce the cost in trash removal and encourage reusing items.
- Created a website to use CRUD Operation with Mondo DB, AJAX in loading database items.
- Built with **Google Cloud** and **Firebase** to store text, image, and geolocation data.

Languages

English (native - professional fluency)

Cantonese (native - professional fluency)

Mandarin (advance - advance fluency)