

# MATTHEW ANGOH

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## EXPERIENCE

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### SENIOR TECHNICAL PROGRAM MANAGER, Vosyn

JUL 2024 - Current

- Directed the end-to-end Software Development Life Cycle for three product verticals, guiding 300+ developers to deliver projects on time, in-scope, and on budget, collaborating with the PMO, CTO, and product teams
- Translated business cases and product requirements into actionable technical roadmaps, milestones, and OKRs
- Improved sprint velocity by 35% and accelerated feature delivery by scaling Agile practices for 300+ developers, reorganizing 30+ Scrum teams for improved alignment and rapid iteration
- Reduced engineering expenses by 30% through a cost management strategy, using SQL in BigQuery to build dashboards that highlighted spending patterns and identified cost-saving opportunities
- Spearheaded a company-wide migration to Google Cloud Platform (GCP), overseeing program timelines, resource allocation, and stakeholder alignment to establish secure, scalable project environments
- Orchestrated collaboration and procurement with Google and third-party vendors, developing SOW to design and implement a scalable, load-balanced solution on Google Kubernetes Engine (GKE)

### DATA SCIENTIST, Greenspace Health

APR 2024 - JUL 2024

- Led a team of 4 Data Scientists to build an end-to-end predictive model utilized by 1,000+ clinicians and 100,000+ patients, improving patient care and treatment planning through data-driven insights
- Queried terabytes of data from Snowflake using SQL, building an ETL pipeline in Python Jupyter Notebooks to process over 5 million assessments, transforming raw data into actionable clinical insights
- Trained XGBoost, Random Forest, and Pytorch FNN models achieving 94%, 91%, and 92% accuracy respectively, contributing to a 49% average symptom improvement across all patients
- Deployed machine learning models using AWS Sagemaker, EC2, and Flask, allowing for real-time inference via API calls, supporting 500+ MBC implementations and improving therapeutic alliance by 81%

### PROGRAM MANAGER, Swimming With a Mission

APR 2020 - APR 2023

- Rebuilt branch operations post-COVID, increasing volunteer participation from 0 to 8 executives and over 100 members, while serving 200+ participants annually
- Managed end-to-end project planning using waterfall methodologies, Gantt charts and Excel to track timelines, deliverables, and budgets, ensuring on-time launches and securing \$X0,000 in funding through grants
- Coordinated with 5+ stakeholder groups, including universities, schools, funding boards, insurance providers, and community outreach programs, to secure resources and align program objectives with organizational goals

## EDUCATION

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**MASTER OF DATA SCIENCE**, University of British Columbia, Kelowna BC, GPA: 3.99/4.0

**BACHELOR OF SCIENCE (HONORS PHYSIOLOGY)**, McGill University, Montreal QC, GPA: 3.84/4.0

## SKILLS & CERTIFICATIONS

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**Skills:** Python, SQL, R, Git, Bash, Google Cloud Platform, Amazon Web Services, Google Workspace Administrator, Agile, Jira, Notion, Communication, Team Management, Project Scoping and Planning, Contract Management

**Certifications:** Google Project Management Professional Certificate, AWS Certified Cloud Practitioner