QMIND
Queen's Machine Intelligence and Neuroevolution Design
Queen's AI Hub

PROJECT MANAGER ONBOARDING
2021-2022

May 26, 2021

Introductions

THE MANAGING DIRECTORS

SYDNEY CORBETT

Managing Director

of Design

MAX BENNETT

Managing Director

of Development

ELAN BIBAS

Managing Director

of Operations

Introductions

DIRECTORS OF DESIGN

Sean
*CV / Web +
Mobile apps*

Mimi
GANs, CV - Sustainability,
Education

Ethan
*NLP/RL/
Marketing*

David
*Time Series
Health-tech*

Adam
*RL/Financial
Services*

Matt
Disruptive Tech

Daniel
DAIR

PM Introductions! Let's meet the team!

Team Culture

SETTING THE TONE FROM THE START

What we want to emphasis this year:

- Empathy

- Ambition

- Independence

- Hard Work

- Recognition

- Open communication

Essentially, we want everyone QMIND to be a place where you **feel valued** and can make long-lasting **friendships**.

Summer Responsibilities

I.   Mandatory Technical Courses

II.   Project

a.   Initial ideation & brainstorming (June 15th)

b.   Scope of selected plans (June 30th)

c.   Project planning and timeline (Aug 15th)

SPECIFIC
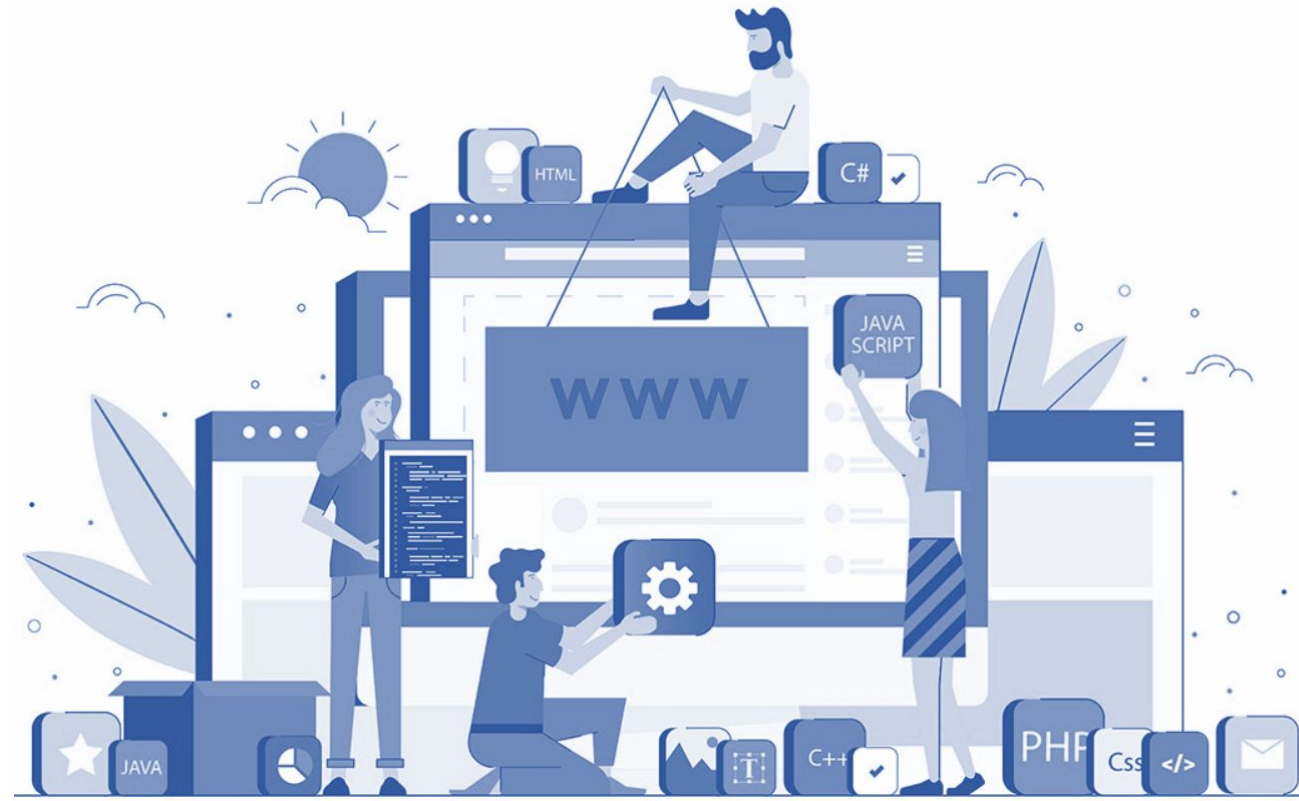# PORTFOLIOS

DAIR

EXPLORE THE CUTTING EDGE

- **Expand** undergraduate research opportunities

- **Enable** passionate students to develop the skills

  necessary for performing research in AI/ML

- **Pursue** a project you truly find interesting

- **Deploy, Develop and Improve** state-of-the-art methods

- **Exclusive access** to the DAIR hardware library

- **Publish** your work to the CUCAI 2022 conference

  proceedings

DISRUPTIVE TECHNOLOGY

DISRUPT OURSELVES BEFORE WE GET DISRUPTED

- **Extend the scope beyond AI**

- **Fundamental Goal:** Provide valuable, practical, and unparalleled learning opportunities to our students

- **Provide** an incubation platform for new initiatives

- **QMIND Executives** are given a new level of responsibility and freedom to explore their passion

- **QMIND General Members** are exposed to a range of technologies – broadening their technical skillset and providing new career paths

INTERNAL DESIGN / PASSION PROJECTS

BRINGING YOUR IDEAS TO LIFE

- **Explore** fields and technologies that interest you

- Take the idea beyond just the model: build a frontend so users can interact or watch a demo

- Present your work at **CUCAI 2022**

- **Publish a paper** on your work through the CUCAI 2022 Conference Proceedings

- Tech jams and showcase events to show off your progress and get insights from other teams and DoDs

QMIND CONSULTING

DEVELOPING SKILLS TO DEPLOY ML MODELS AT SCALE

- Most clients aren't just looking for POC jupyter notebooks anymore

- Model development is just **one portion** of a data science professional's day

- Expectations for technical skills will be **higher** for Consulting General Members

- More emphasis on **Solution Architecture**, **Integration Road Maps**, and **AI Strategy**

- **Resources, Training, and Workshops** to learn about these concepts
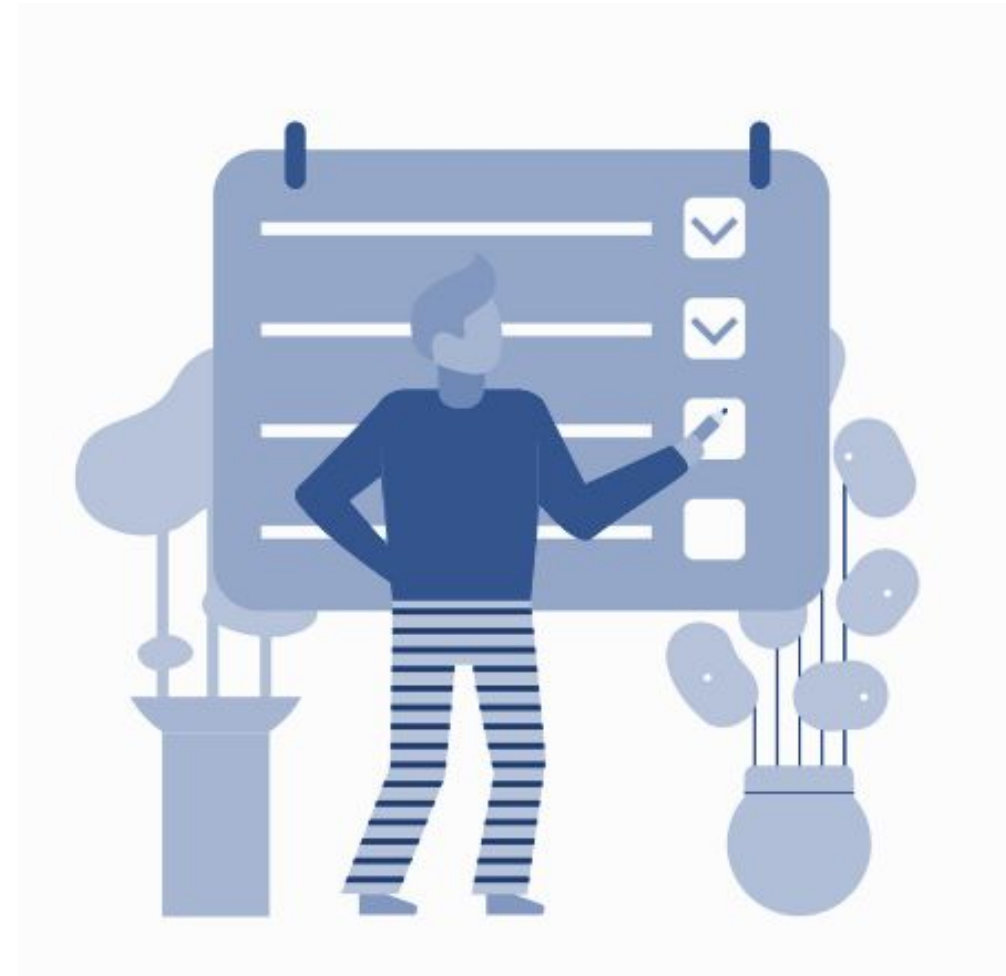
Summer Timeline

- **May & June:**

  - Passion Project Ideation

  - Client Acquisition - Identify potential clients & develop a reachout strategy with partnership

  - Technical Training

- **July**

  - Individual Portfolios complete required tasks

  - Develop execution of plans for coming year

  - Finalize client acquisition

- **August**

  - Finalize plans & project write-ups for coming year

  - Finish Camp QMIND planning and QMIND launch event

Immediate Next Steps

- **Fill out mandatory survey from Wendy**

- **PM Onboarding document**

- **Your Nodes**

  - Fill out project interest form.

  - You will be placed into a node by Sunday!

  - First node meeting!

- **Your Projects**

  - Start thinking about potential clients.

  - Client acquisition tutorial from Partnerships.

  - Brainstorm ideas for potential passion projects.

Wrap Up

- Q&A!!!!