# Mustafa Abdalruhman

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## Profile

UNSW student pursuing a double degree in Finance & Statistics with hands-on experience across quantitative trading, entrepreneurship, and university leadership. Currently developing and running a live algorithmic trading system while building towards a career at the intersection of finance and technology.

## Education

**University of New South Wales (UNSW)** 2025 – Present
*Bachelor of Commerce / Bachelor of Science — Finance & Statistics* *Sydney, NSW*

Brisbane School of Distance Education — ATAR: 92, 50/50 in Mathematics *2023 – 2024*

## Projects

**Mean Reversion Crypto-Futures Trading Model** | *Python, asyncio, WebSockets* | link Feb 2026 – Present

- Designed and deployed a fully automated trading system for crypto futures markets, running live with real capital
- Engineered multi-asset parallel execution with real-time WebSocket feeds and a momentum-filtered entry/exit engine
- Achieved a Sharpe ratio of 1.2 and 28% cumulative PnL since deployment; all strategy and system architecture decisions are my own
- Used agentic coding for code implementation, accelerating the pace of development and research of the model

## Experience

**UNSW Redback Racing — Internal Relations & Student Ambassador** Oct 2025 – Present
*Part-time | Event Planning, Interpersonal Skills* *Sydney, NSW*

- Coordinate cross-team communication, logistics, and events for UNSW's Formula SAE racing team
- Develop and deliver engineering outreach workshops to high school students as a UNSW Student Ambassador

**UNSW Business School** Jun 2025 – Aug 2025
*COMM1170 Student Partner* *Sydney, NSW*

- Selected as one of five student partners for the 2025 Term 2 cohort to collaborate directly with the course teaching team
- Gathered student feedback, proposed curriculum improvements, and strengthened staff-student communication channels
- Contributed to refining the business school curriculum in a professional, project-style team setting

**Baghdadi Sweets** Oct 2022 – Feb 2023
*Co-founder* *Baghdad, Iraq*

- Founded a confectionery business within a school institution, scaling to 4-figure monthly revenue at 60% gross margin
- Curated a niche product line of rare sweets and drinks unavailable in mainstream retail, building a loyal customer base
- Drove brand growth via @baghdadi.sweets on Instagram, managing product marketing and social strategy end-to-end

**eBay** Apr 2020 – Jan 2025
*Freelance Seller* *Remote*

- Generated $3k+ in revenue over 4+ years with 250+ customers and a 100% positive feedback rating
- Developed skills in e-commerce operations, inventory sourcing, customer service, and platform optimisation

## Technical Skills

**Algorithm Research & Development**: Python (asyncio, WebSockets), system design, quantitative analysis

**Business**: Product management, e-commerce operations, social media marketing, event planning

**Languages**: English (fluent), Arabic (native)

## Interests & Activities

UNSW Business Society — Member | Table Tennis — Competitive (2022–2023)