# George Mathew Keluthara

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## Education

**Dubai International Academy - IB Diploma Programme (IBDP)** **2026 - Present**
- Subjects: Economics, Business Management.

**Dubai International Academy - IB Middle Years Programme (MYP)** **2025**
- Subjects: Economics (7), Business Studies (7), English (7), Mathematics (6); grades out of 7.

## Internships & Professional Experience

**Nuqi Digital Wealth - Intern** **March 2026**
- Analysed equities using fundamental and technical analysis, including TradingView RSI, MACD and VWAP.
- Explored NLP, Bayesian modelling, sentiment analysis and cryptocurrency-focused fintech applications.

**Himmah Capital - Investment Intern** **June 2025**
- Researched Saudi Arabian equities, equity capital markets and mergers and acquisitions.
- Gained exposure to financial modelling, investment banking and asset management.

## Projects & Research Experience

**Founder - Stock Index AI | stocksindexai.com** **2025 - Present**
- Founded a fintech website for AI-assisted stock-index forecasting, market research and financial education.
- Explored predictive modelling and data-driven tools for interpreting market trends.

**Research - Machine Learning in Macroeconomic Forecasting** **2026**
- Compared Random Forest, gradient boosting, LASSO and recurrent networks for macroeconomic prediction.
- Examined forecasting accuracy, interpretability and structural changes against traditional models.

**Research - Global Cryptocurrency Adoption and Regulation by Country** **2025**
- Investigated adoption and regulation across India, Nigeria, Vietnam, the Philippines and the UAE.
- Examined financial inclusion, remittances, consumer protection and regulatory approaches.

**Educational Finance Website - Developer** **June - December 2024**
- Built educational content introducing investing, economic principles and financial literacy for young adults.

## Awards & Academic Recognition

**UK Mathematics Trust - Senior Mathematical Challenge** 2026
- Gold Award (113/125); top 1% of more than 100,000 participants; invited to BMO1.

**Young Economist Award - Sustainable Development** 2026
- International recognition in the category for India, Africa & the Middle East, by Futurite India.

**Dubai Science Fair - Best Researcher Award** **20 June 2026**
- Awarded for outstanding research achievement and presentation at the Science, Engineering & Economics Fair.

**Dubai Science Fair - Best Interdisciplinary Project Award** **2025**
- Recognised for interdisciplinary project work at the Dubai Science Fair 2024 - 25.

**Mathematics AI HL - Most Improved Award** **2026**
- Recognised for academic improvement in Mathematics: Applications and Interpretation HL.

**Theory of Knowledge - Excellence Award** **2025 - 2026**
- Academic excellence recognition in Theory of Knowledge.

**Euclid Mathematics Contest - Participation** **2026**
- Participated in the University of Waterloo Euclid Contest.

**Fermat Mathematics Contest - Participation** **2026**
- Participated in the University of Waterloo Fermat Contest.

**House Points Award - Year 12E** **Year 12**
- Recognised for the highest house points in Term 1.

## Leadership & Extracurricular Activities

**Vice-President, Finance - TEDxYouth@DIA** **2026**
- Supported event budgeting, financial planning, sponsor outreach and resource allocation.

**Vice-President, Teaching - Synapse Behavioral Sciences Club** **2026**
- Led discussions on cognitive biases, psychology and decision-making; prepared teaching materials.

**Junior DIAMUN - Co-Chair** **2025**
- Co-chaired committee proceedings and moderated structured debate.

**THIMUN - International Delegate, The Hague** **2024**
- Participated in international Model United Nations diplomacy and debate.

**DIAMUN - Delegate** **2022 - 2025**
- Participated as a delegate in the 2022, 2023, 2024 and 2025 conferences.

## Courses & Certificates

**Yale University - Financial Markets** **May 2026**
- Completed financial markets coursework covering investments, risk and financial institutions.

**Yale University - Narrative Economics** **April 2026**
- Completed coursework on how narratives and public sentiment influence economic outcomes.

**Harvard Model United Nations - Young Leadership Program** **2023**
- Completed leadership training in diplomacy, teamwork and public speaking.

**Harvard Crimson Global Essay Competition - Participation** **2026**
- Participated in the international essay competition.

**Teen Mental Health First Aid - Training** **8 April 2026**
- Completed teen mental health first aid training.

**Medefine - Educational Clinical Internship**
- Completed an educational clinical internship.

**Piano Examinations - Grades 1, 2, 4 and 6** **2020 - 2026**
- Achieved graded piano examination certificates.

## Skills & Interests

- AI and machine-learning research; predictive modelling; web development and publishing.
- Equity research, TradingView, technical indicators, financial analysis and economic writing.
- Budgeting, public speaking, leadership and teamwork; interests in economics, business and law.